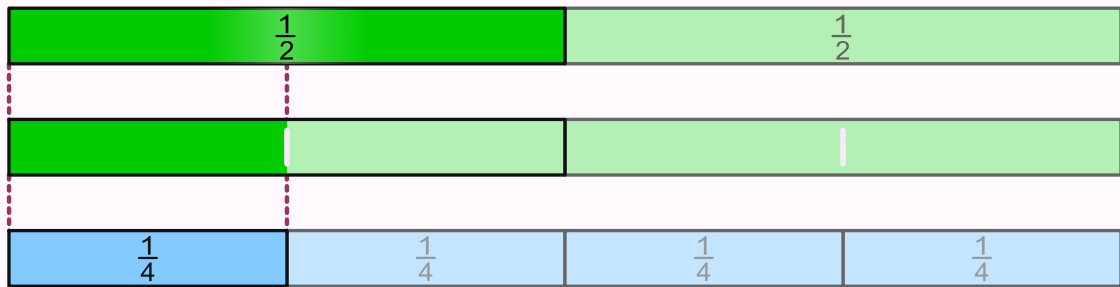


Visual Multiplication of Fractions

We can visualize the multiplication of fractions using a standard procedure. Here are exercises on this. The calculation should be written down, and the typical picture that results from visual multiplication of fractions should be drawn.

Exercise 1 – Solution

$$\frac{1}{2} \cdot \frac{1}{2} = \frac{1 \cdot 1}{2 \cdot 2} = \frac{1}{4}$$



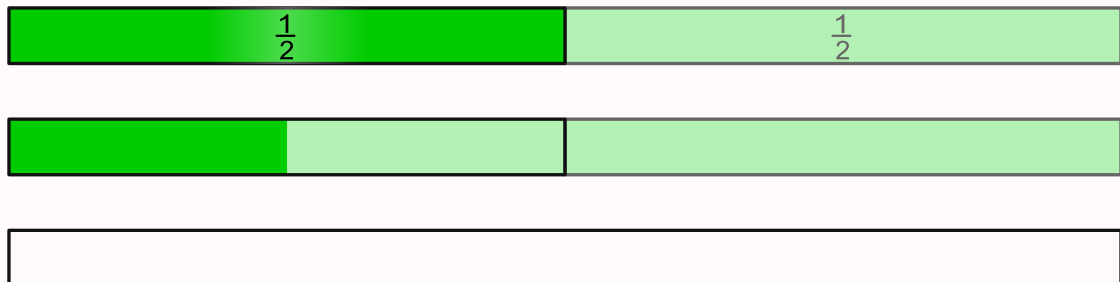
Exercise 1 – Level 1

$$\frac{1}{2} \cdot \frac{1}{2} =$$



Exercise 1 – Level 2

$$\frac{1}{2} \cdot \frac{1}{2} =$$



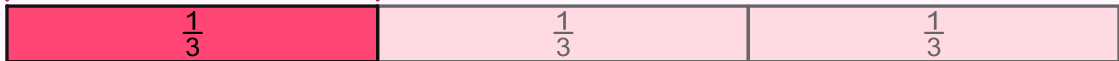
Exercise 1 – Level 3

$$\frac{1}{2} \cdot \frac{1}{2} =$$



Exercise 2 – Solution

$$\frac{2}{3} \cdot \frac{1}{2} = \frac{2 \cdot 1}{3 \cdot 2} = \frac{2}{6} = \frac{1}{3}$$



Exercise 2 – Level 1

$$\frac{2}{3} \cdot \frac{1}{2} =$$



Exercise 2 – Level 2

$$\frac{2}{3} \cdot \frac{1}{2} =$$



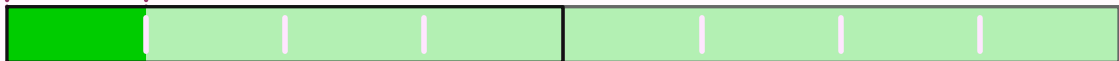
Exercise 2 – Level 3

$$\frac{2}{3} \cdot \frac{1}{2} =$$



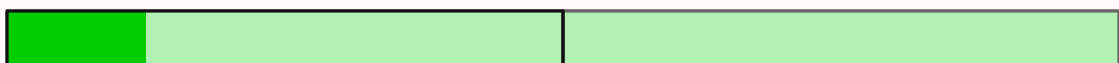
Exercise 3 – Solution

$$\frac{1}{4} \cdot \frac{1}{2} = \frac{1 \cdot 1}{4 \cdot 2} = \frac{1}{8}$$



Exercise 3 – Level 1

$$\frac{1}{4} \cdot \frac{1}{2} =$$



Exercise 3 – Level 2

$$\frac{1}{4} \cdot \frac{1}{2} =$$



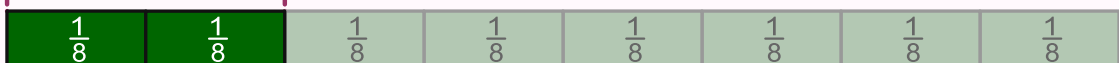
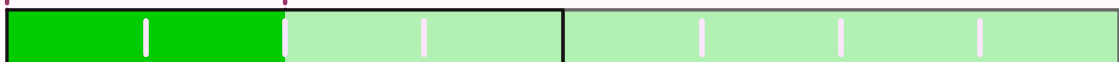
Exercise 3 – Level 3

$$\frac{1}{4} \cdot \frac{1}{2} =$$



Exercise 4 – Solution

$$\frac{2}{4} \cdot \frac{1}{2} = \frac{2 \cdot 1}{4 \cdot 2} = \frac{2}{8} = \frac{1}{4}$$

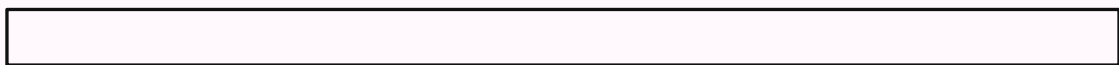


Exercise 4 – Level 1

$$\frac{2}{4} \cdot \frac{1}{2} =$$


Exercise 4 – Level 2

$$\frac{2}{4} \cdot \frac{1}{2} =$$

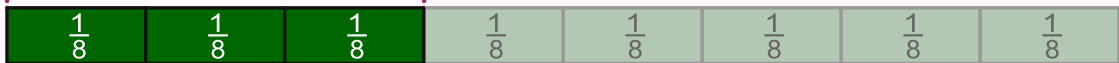


Exercise 4 – Level 3

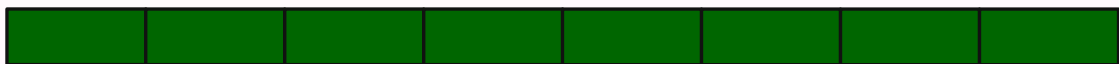
$$\frac{2}{4} \cdot \frac{1}{2} =$$


Exercise 5 – Solution

$$\frac{3}{4} \cdot \frac{1}{2} = \frac{3 \cdot 1}{4 \cdot 2} = \frac{3}{8}$$


Exercise 5 – Level 1

$$\frac{3}{4} \cdot \frac{1}{2} =$$



Exercise 5 – Level 2

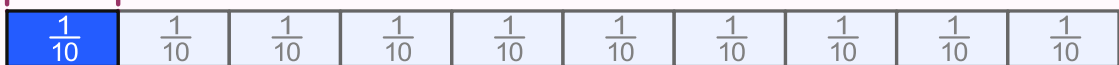
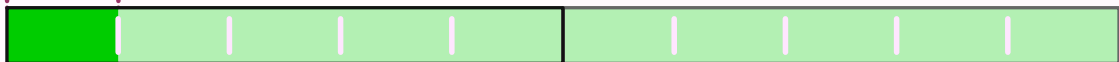
$$\frac{3}{4} \cdot \frac{1}{2} =$$


Exercise 5 – Level 3

$$\frac{3}{4} \cdot \frac{1}{2} =$$


Exercise 6 – Solution

$$\frac{1}{5} \cdot \frac{1}{2} = \frac{1 \cdot 1}{5 \cdot 2} = \frac{1}{10}$$



Exercise 6 – Level 1

$$\frac{1}{5} \cdot \frac{1}{2} =$$


Exercise 6 – Level 2

$$\frac{1}{5} \cdot \frac{1}{2} =$$

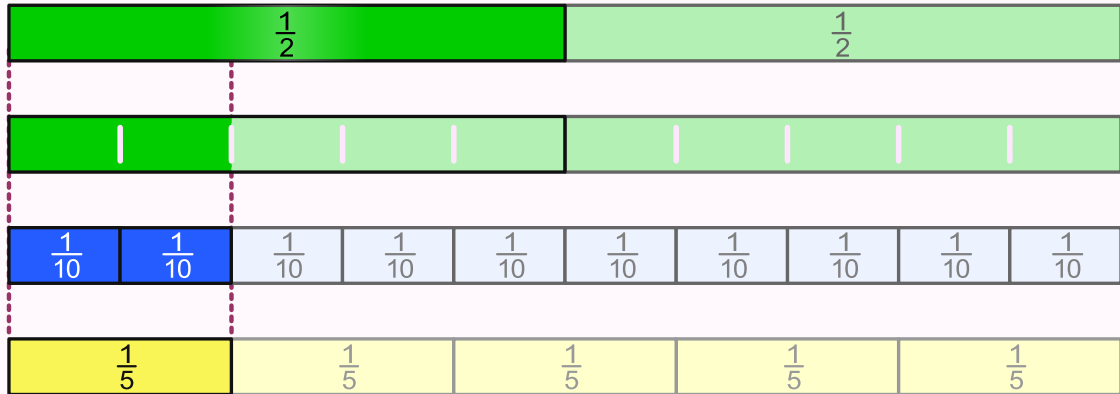

Exercise 6 – Level 3

$$\frac{1}{5} \cdot \frac{1}{2} =$$

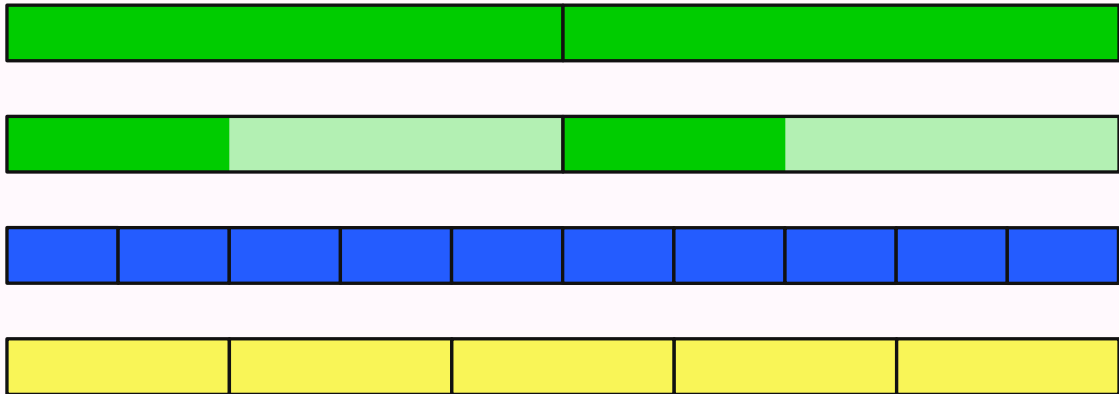


Exercise 7 – Solution

$$\frac{2}{5} \cdot \frac{1}{2} = \frac{2 \cdot 1}{5 \cdot 2} = \frac{2}{10} = \frac{1}{5}$$


Exercise 7 – Level 1

$$\frac{2}{5} \cdot \frac{1}{2} =$$



Exercise 7 – Level 2

$$\frac{2}{5} \cdot \frac{1}{2} =$$

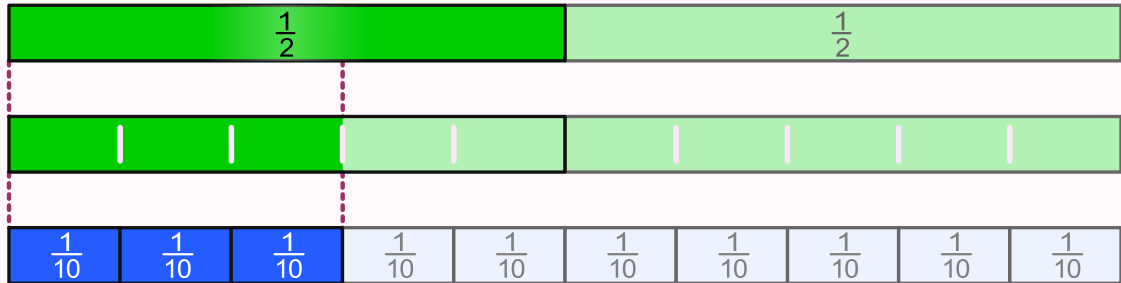

Exercise 7 – Level 3

$$\frac{2}{5} \cdot \frac{1}{2} =$$

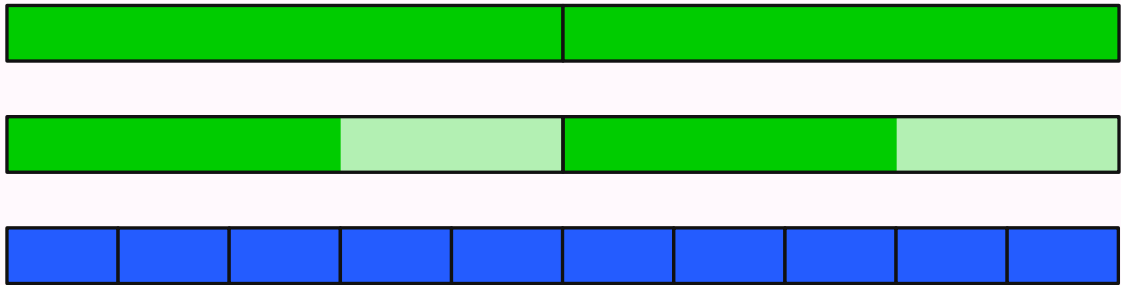


Exercise 8 – Solution

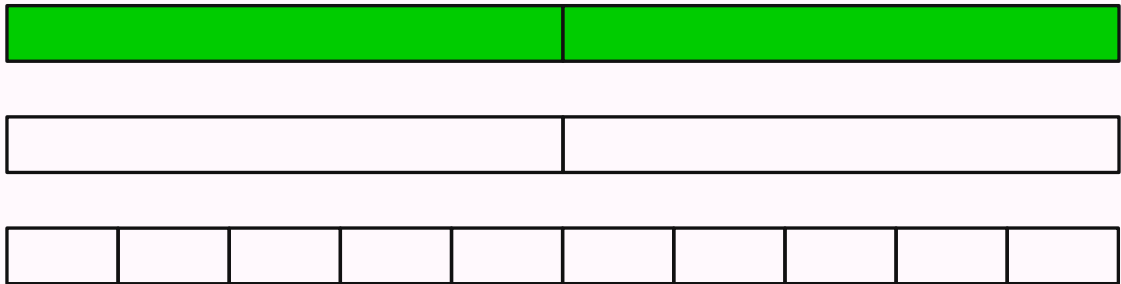
$$\frac{3}{5} \cdot \frac{1}{2} = \frac{3}{5 \cdot 2} = \frac{3}{10}$$


Exercise 8 – Level 1

$$\frac{3}{5} \cdot \frac{1}{2} =$$


Exercise 8 – Level 2

$$\frac{3}{5} \cdot \frac{1}{2} =$$

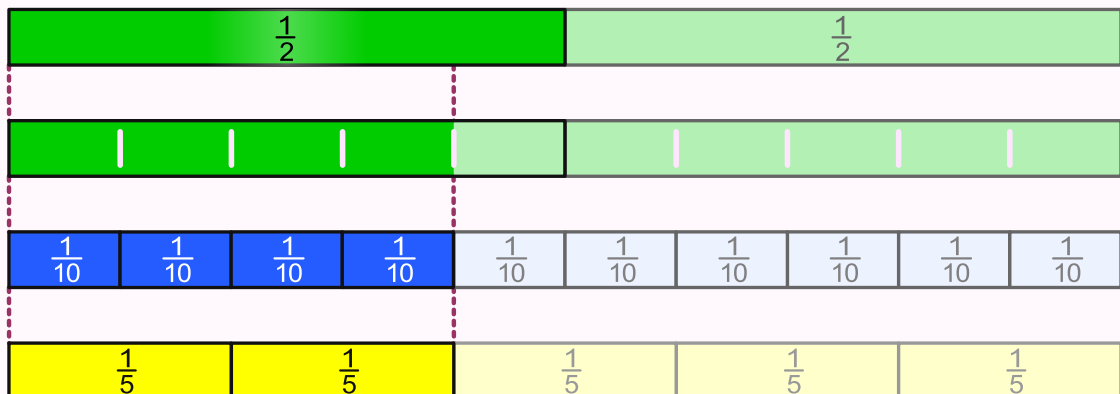


Exercise 8 – Level 3

$$\frac{3}{5} \cdot \frac{1}{2} =$$


Exercise 9 – Solution

$$\frac{4}{5} \cdot \frac{1}{2} = \frac{4 \cdot 1}{5 \cdot 2} = \frac{4}{10} = \frac{2}{5}$$



Exercise 9 – Level 1

$$\frac{4}{5} \cdot \frac{1}{2} =$$


Exercise 9 – Level 2

$$\frac{4}{5} \cdot \frac{1}{2} =$$



Exercise 10 – Level 2

$$\frac{1}{2} \cdot \frac{1}{3} =$$

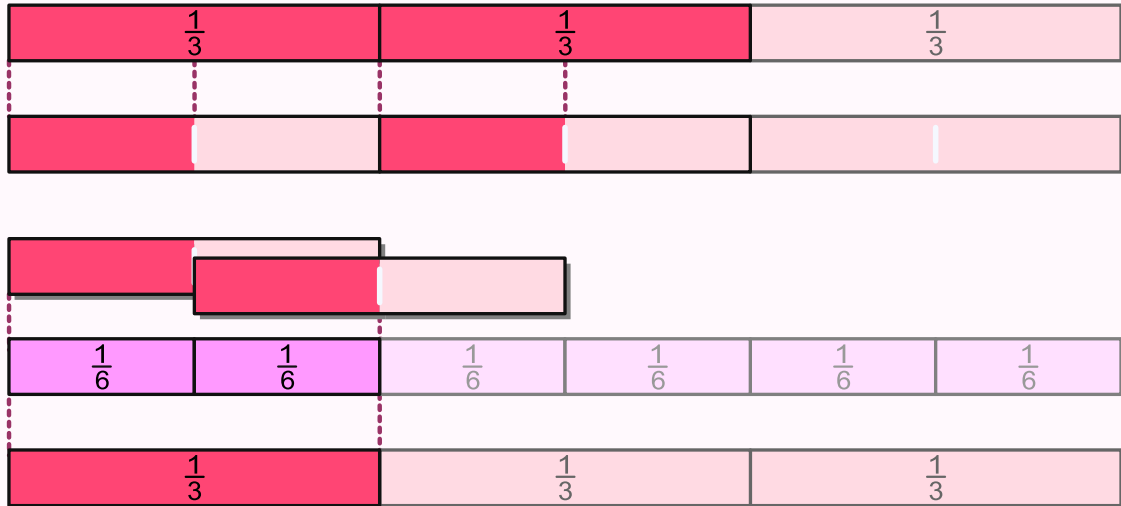
**Exercise 10 – Level 3**

$$\frac{1}{2} \cdot \frac{1}{3} =$$

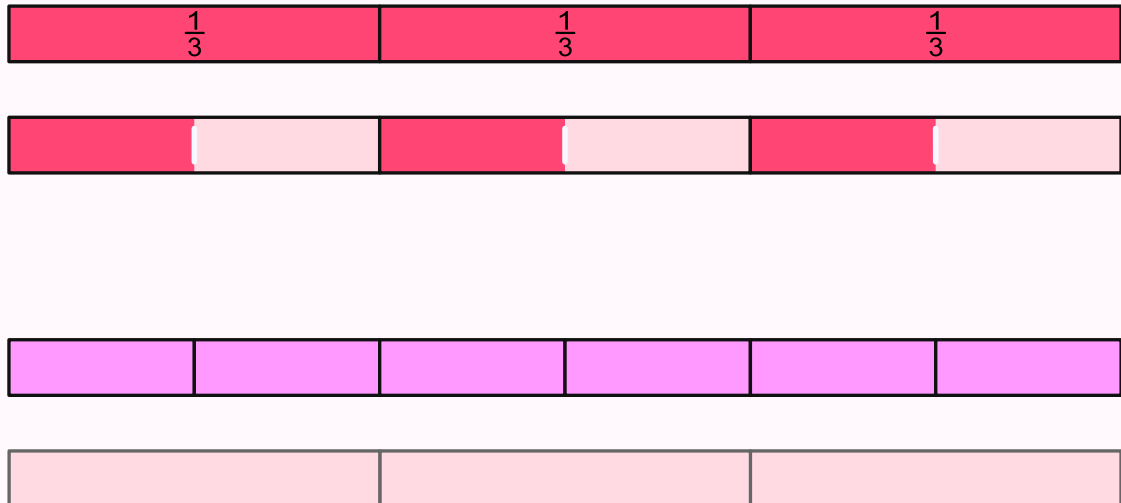


Exercise 11 – Solution

$$\frac{1}{2} \cdot \frac{2}{3} = \frac{1 \cdot 2}{2 \cdot 3} = \frac{2}{6} = \frac{1}{3}$$

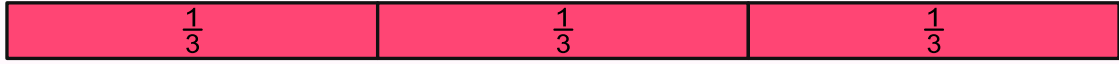

Exercise 11 – Level 1

$$\frac{1}{2} \cdot \frac{2}{3} =$$



Exercise 11 – Level 2

$$\frac{1}{2} \cdot \frac{2}{3} =$$



--	--	--

--	--	--	--	--	--

--

Exercise 11 – Level 3

$$\frac{1}{2} \cdot \frac{2}{3} =$$



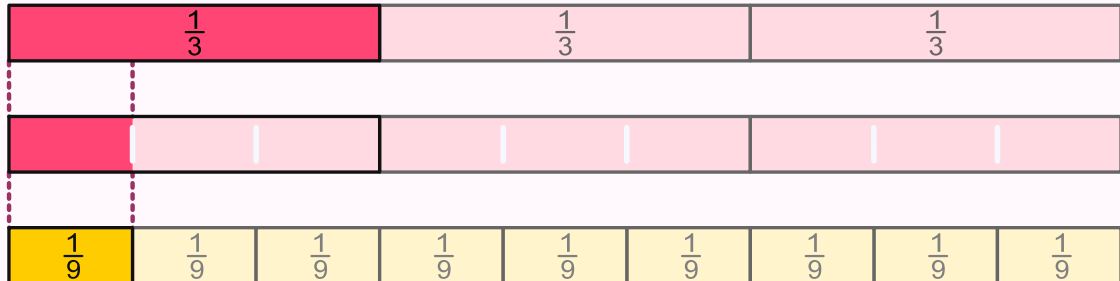
--

--

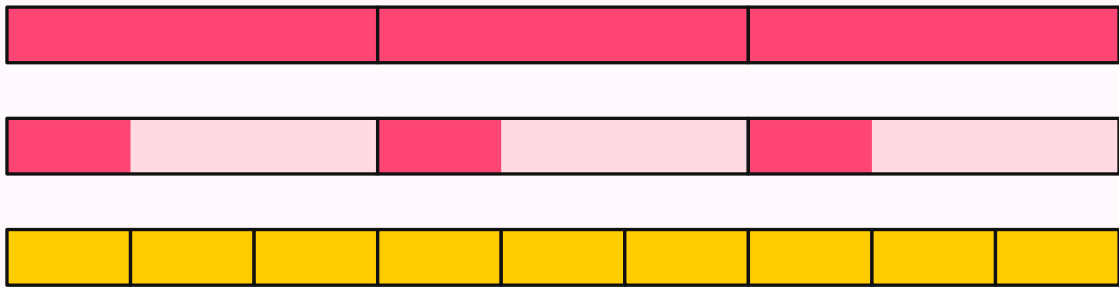
--

Exercise 12 – Solution

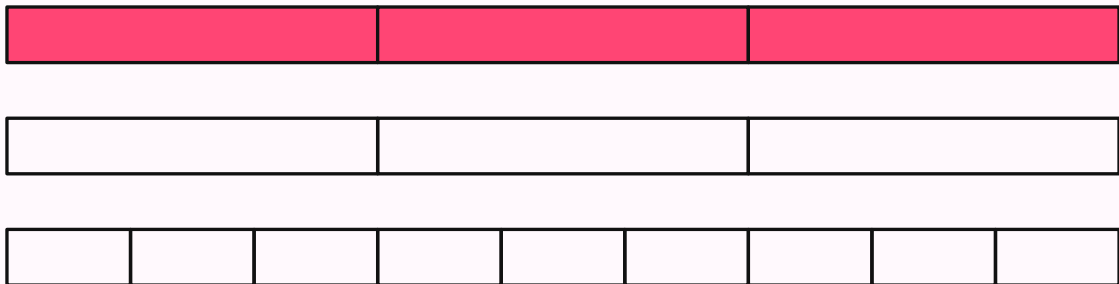
$$\frac{1}{3} \cdot \frac{1}{3} = \frac{1 \cdot 1}{3 \cdot 3} = \frac{1}{9}$$


Exercise 12 – Level 1

$$\frac{1}{3} \cdot \frac{1}{3} =$$


Exercise 12 – Level 2

$$\frac{1}{3} \cdot \frac{1}{3} =$$

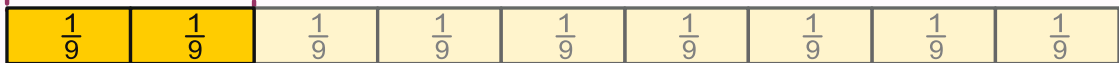
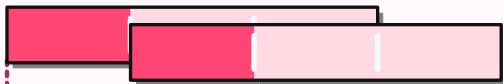
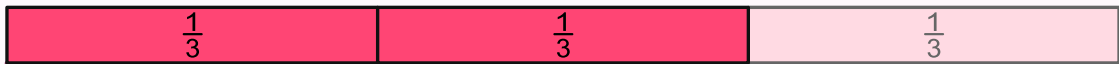


Exercise 12 – Level 3

$$\frac{1}{3} \cdot \frac{1}{3} =$$


Exercise 13 – Solution

$$\frac{1}{3} \cdot \frac{2}{3} = \frac{1 \cdot 2}{3 \cdot 3} = \frac{2}{9}$$



Exercise 13 – Level 1

$$\frac{1}{3} \cdot \frac{2}{3} =$$


Exercise 13 – Level 2

$$\frac{1}{3} \cdot \frac{2}{3} =$$

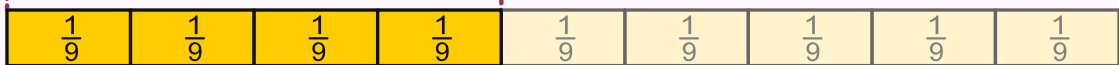


Exercise 13 – Level 3

$$\frac{1}{3} \cdot \frac{2}{3} =$$


Exercise 14 – Solution

$$\frac{2}{3} \cdot \frac{2}{3} = \frac{2 \cdot 2}{3 \cdot 3} = \frac{4}{9}$$



Exercise 14 – Level 1

$$\frac{2}{3} \cdot \frac{2}{3} =$$


Exercise 14 – Level 2

$$\frac{2}{3} \cdot \frac{2}{3} =$$

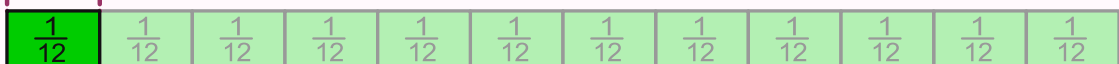
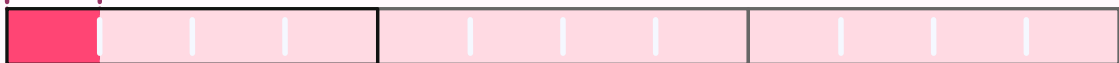
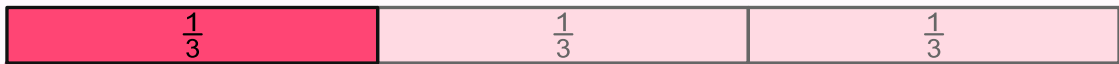


Exercise 14 – Level 3

$$\frac{2}{3} \cdot \frac{2}{3} =$$


Exercise 15 – Solution

$$\frac{1}{4} \cdot \frac{1}{3} = \frac{1 \cdot 1}{4 \cdot 3} = \frac{1}{12}$$


Exercise 15 – Level 1

$$\frac{1}{4} \cdot \frac{1}{3} =$$



Exercise 15 – Level 2

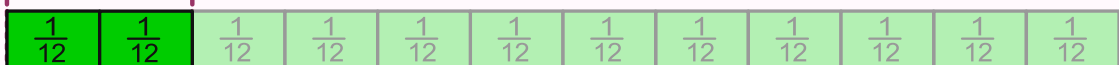
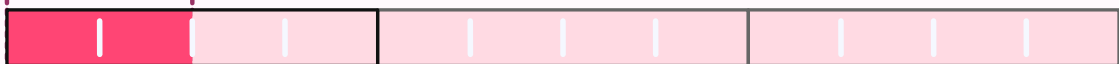
$$\frac{1}{4} \cdot \frac{1}{3} =$$


Exercise 15 – Level 3

$$\frac{1}{4} \cdot \frac{1}{3} =$$


Exercise 16 – Solution

$$\frac{2}{4} \cdot \frac{1}{3} = \frac{2 \cdot 1}{4 \cdot 3} = \frac{2}{12} = \frac{1}{6}$$



Exercise 16 – Level 1

$$\frac{2}{4} \cdot \frac{1}{3} =$$


Exercise 16 – Level 2

$$\frac{2}{4} \cdot \frac{1}{3} =$$

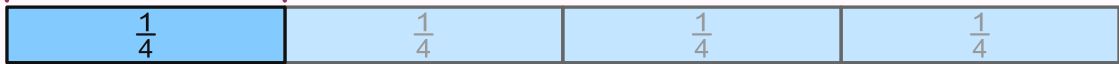
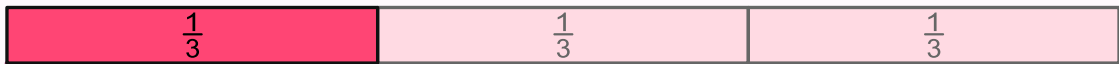


Exercise 16 – Level 3

$$\frac{2}{4} \cdot \frac{1}{3} =$$


Exercise 17 – Solution

$$\frac{3}{4} \cdot \frac{1}{3} = \frac{3 \cdot 1}{4 \cdot 3} = \frac{3}{12} = \frac{1}{4}$$

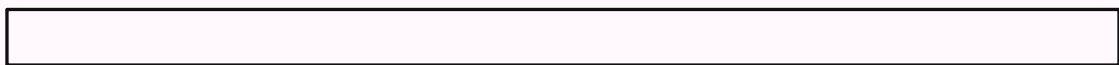


Exercise 17 – Level 1

$$\frac{3}{4} \cdot \frac{1}{3} =$$


Exercise 17 – Level 2

$$\frac{3}{4} \cdot \frac{1}{3} =$$

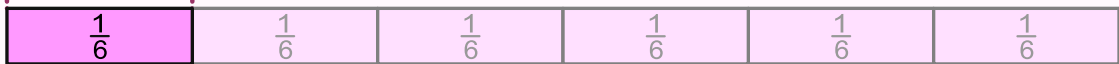
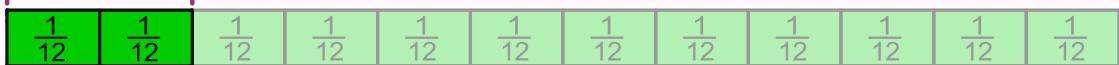
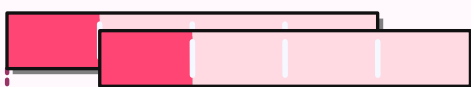


Exercise 17 – Level 3

$$\frac{3}{4} \cdot \frac{1}{3} =$$


Exercise 18 – Solution

$$\frac{1}{4} \cdot \frac{2}{3} = \frac{1 \cdot 2}{4 \cdot 3} = \frac{2}{12} = \frac{1}{6}$$



Exercise 18 – Level 1

$$\frac{1}{4} \cdot \frac{2}{3} =$$


Exercise 18 – Level 2

$$\frac{1}{4} \cdot \frac{2}{3} =$$

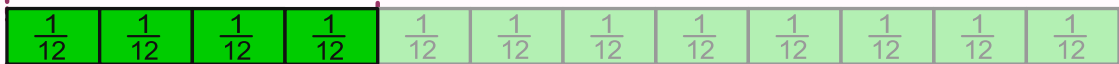
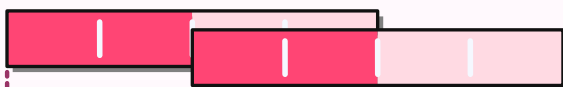


Exercise 18 – Level 3

$$\frac{1}{4} \cdot \frac{2}{3} =$$


Exercise 19 – Solution

$$\frac{2}{4} \cdot \frac{2}{3} = \frac{2 \cdot 2}{4 \cdot 3} = \frac{4}{12} = \frac{1}{3}$$



Exercise 19 – Level 1

$$\frac{2}{4} \cdot \frac{2}{3} =$$


Exercise 19 – Level 2

$$\frac{2}{4} \cdot \frac{2}{3} =$$

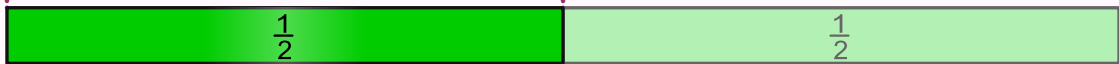
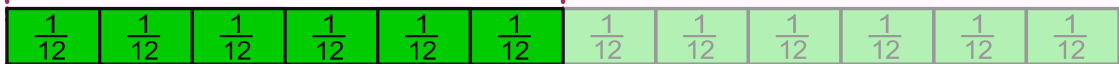


Exercise 19 – Level 3

$$\frac{2}{4} \cdot \frac{2}{3} =$$


Exercise 20 – Solution

$$\frac{3}{4} \cdot \frac{2}{3} = \frac{3 \cdot 2}{4 \cdot 3} = \frac{6}{12} = \frac{1}{2}$$



Exercise 20 – Level 1

$$\frac{3}{4} \cdot \frac{2}{3} =$$


Exercise 20 – Level 2

$$\frac{3}{4} \cdot \frac{2}{3} =$$

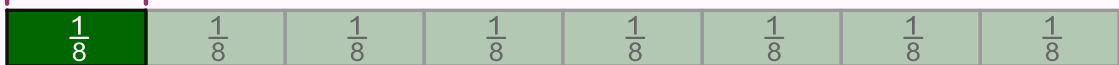
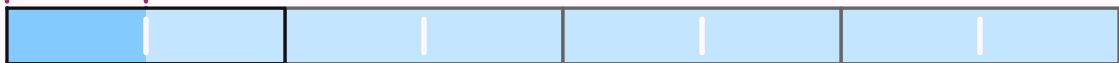


Exercise 20 – Level 3

$$\frac{3}{4} \cdot \frac{2}{3} =$$


Exercise 21 – Solution

$$\frac{1}{2} \cdot \frac{1}{4} = \frac{1 \cdot 1}{2 \cdot 4} = \frac{1}{8}$$



Exercise 21 – Level 1

$$\frac{1}{2} \cdot \frac{1}{4} =$$


Exercise 21 – Level 2

$$\frac{1}{2} \cdot \frac{1}{4} =$$

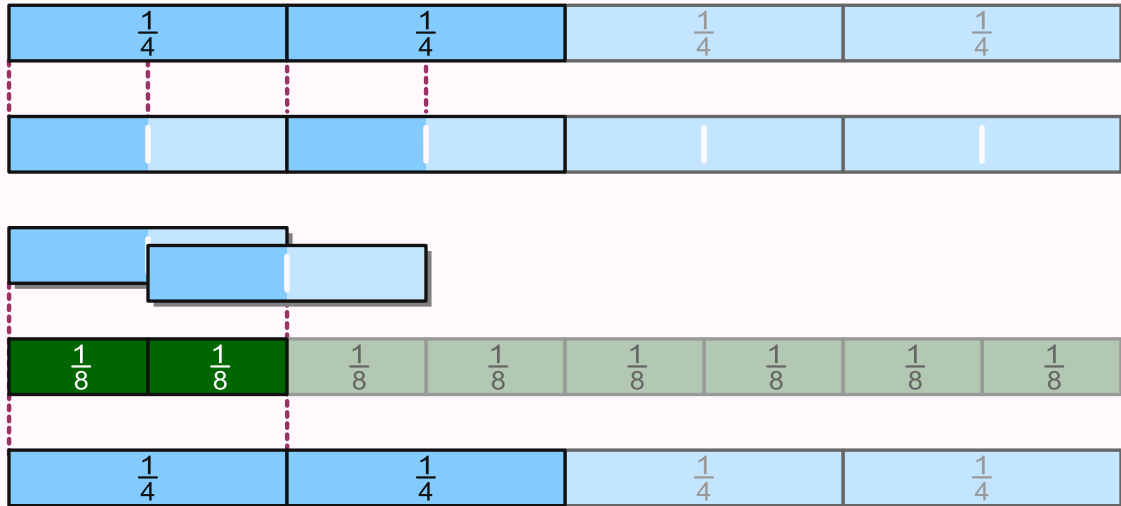

Exercise 21 – Level 3

$$\frac{1}{2} \cdot \frac{1}{4} =$$

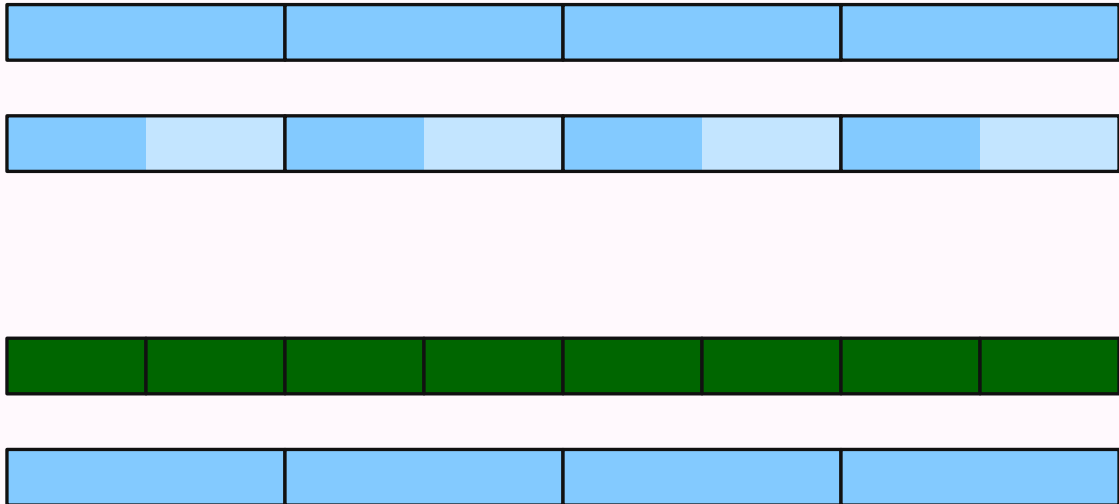


Exercise 22 – Solution

$$\frac{1}{2} \cdot \frac{2}{4} = \frac{1 \cdot 2}{2 \cdot 4} = \frac{2}{8} = \frac{1}{4}$$


Exercise 22 – Level 1

$$\frac{1}{2} \cdot \frac{2}{4} =$$



Exercise 22 – Level 2

$$\frac{1}{2} \cdot \frac{2}{4} =$$

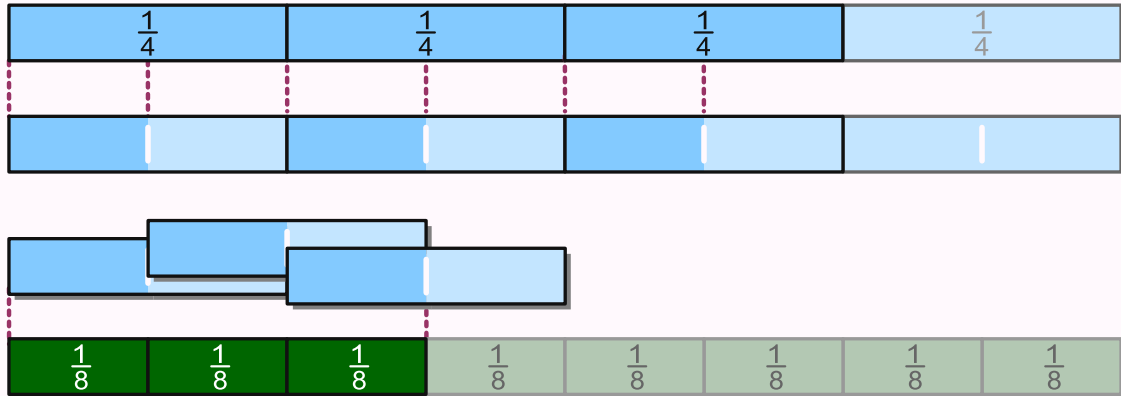

Exercise 22 – Level 3

$$\frac{1}{2} \cdot \frac{2}{4} =$$

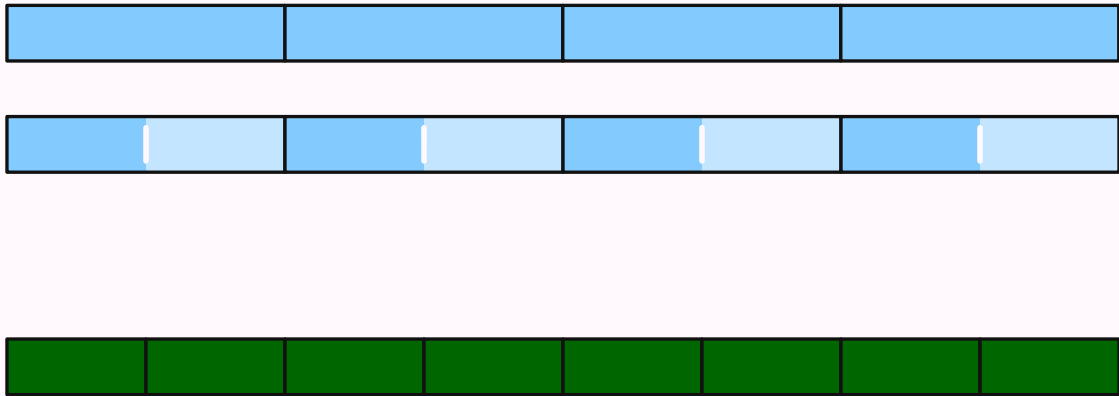


Exercise 23 – Solution

$$\frac{1}{2} \cdot \frac{3}{4} = \frac{1 \cdot 3}{2 \cdot 4} = \frac{3}{8}$$


Exercise 23 – Level 1

$$\frac{1}{2} \cdot \frac{3}{4} =$$



Exercise 23 – Level 2

$$\frac{1}{2} \cdot \frac{3}{4} =$$

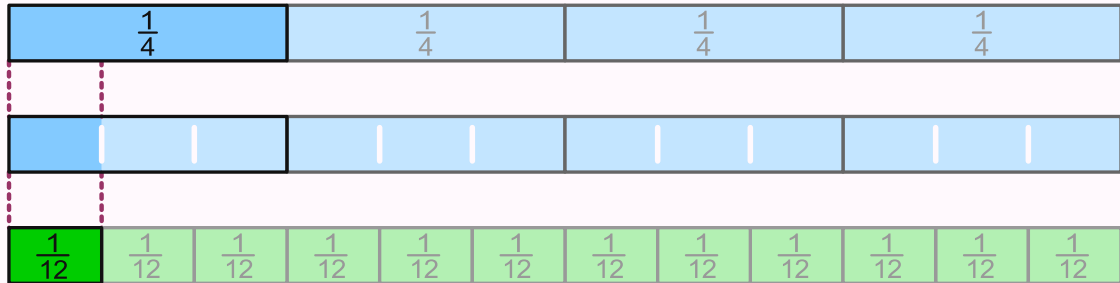
**Exercise 23 – Level 3**

$$\frac{1}{2} \cdot \frac{3}{4} =$$



Exercise 24 – Solution

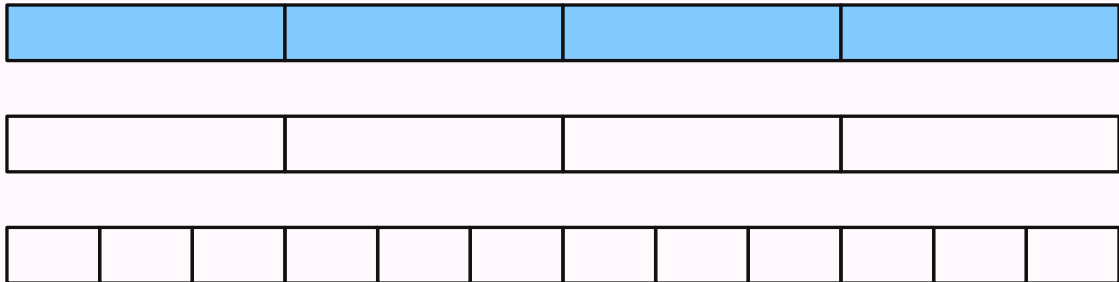
$$\frac{1}{3} \cdot \frac{1}{4} = \frac{1 \cdot 1}{3 \cdot 4} = \frac{1}{12}$$


Exercise 24 – Level 1

$$\frac{1}{3} \cdot \frac{1}{4} =$$


Exercise 24 – Level 2

$$\frac{1}{3} \cdot \frac{1}{4} =$$

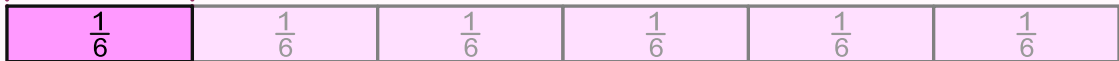
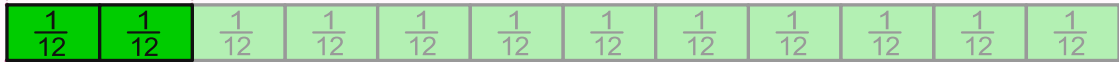
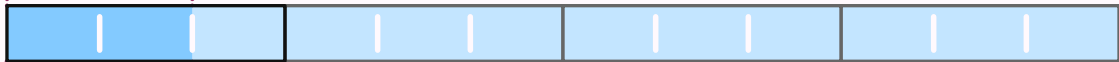
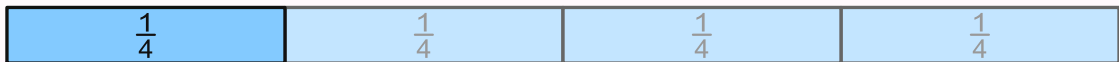


Exercise 24 – Level 3

$$\frac{1}{3} \cdot \frac{1}{4} =$$


Exercise 25 – Solution

$$\frac{2}{3} \cdot \frac{1}{4} = \frac{2 \cdot 1}{3 \cdot 4} = \frac{2}{12} = \frac{1}{6}$$



Exercise 25 – Level 1

$$\frac{2}{3} \cdot \frac{1}{4} =$$


Exercise 25 – Level 2

$$\frac{2}{3} \cdot \frac{1}{4} =$$

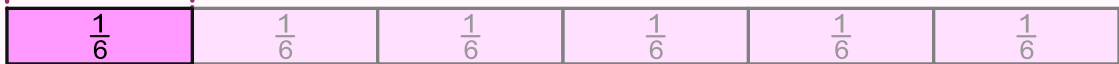
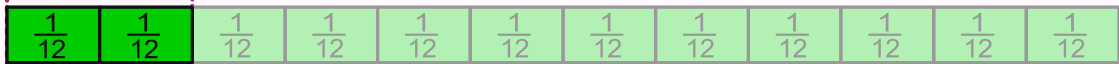
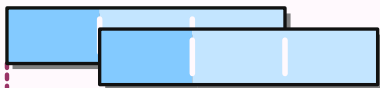


Exercise 25 – Level 3

$$\frac{2}{3} \cdot \frac{1}{4} =$$


Exercise 26 – Solution

$$\frac{1}{3} \cdot \frac{2}{4} = \frac{1 \cdot 2}{3 \cdot 4} = \frac{2}{12} = \frac{1}{6}$$



Exercise 26 – Level 1

$$\frac{1}{3} \cdot \frac{2}{4} =$$


Exercise 26 – Level 2

$$\frac{1}{3} \cdot \frac{2}{4} =$$

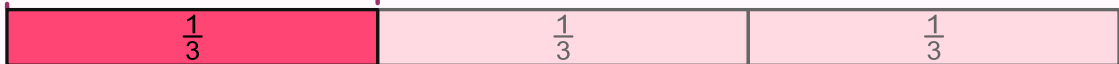
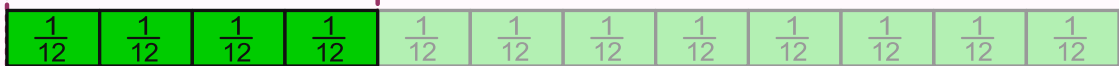
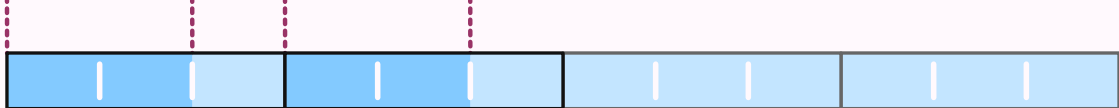


Exercise 26 – Level 3

$$\frac{1}{3} \cdot \frac{2}{4} =$$


Exercise 27 – Solution

$$\frac{2}{3} \cdot \frac{2}{4} = \frac{2 \cdot 2}{3 \cdot 4} = \frac{4}{12} = \frac{1}{3}$$



Exercise 27 – Level 1

$$\frac{2}{3} \cdot \frac{2}{4} =$$


Exercise 27 – Level 2

$$\frac{2}{3} \cdot \frac{2}{4} =$$

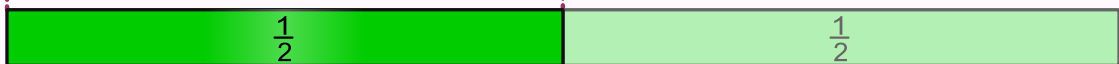
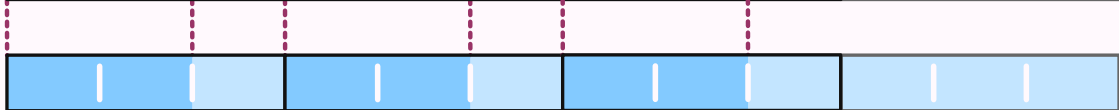


Exercise 27 – Level 3

$$\frac{2}{3} \cdot \frac{2}{4} =$$


Exercise 28 – Solution

$$\frac{2}{3} \cdot \frac{3}{4} = \frac{2 \cdot 3}{3 \cdot 4} = \frac{6}{12} = \frac{1}{2}$$



Exercise 28 – Level 1

$$\frac{2}{3} \cdot \frac{3}{4} =$$


Exercise 28 – Level 2

$$\frac{2}{3} \cdot \frac{3}{4} =$$

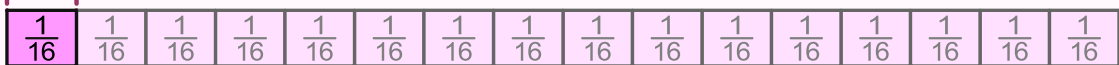
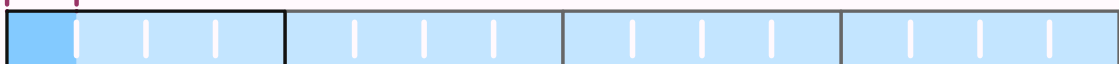
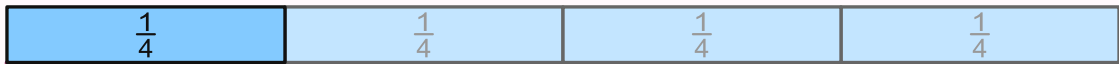


Exercise 28 – Level 3

$$\frac{2}{3} \cdot \frac{3}{4} =$$


Exercise 29 – Solution

$$\frac{1}{4} \cdot \frac{1}{4} = \frac{1 \cdot 1}{4 \cdot 4} = \frac{1}{16}$$



Exercise 29 – Level 1

$$\frac{1}{4} \cdot \frac{1}{4} =$$



Exercise 29 – Level 2

$$\frac{1}{4} \cdot \frac{1}{4} =$$



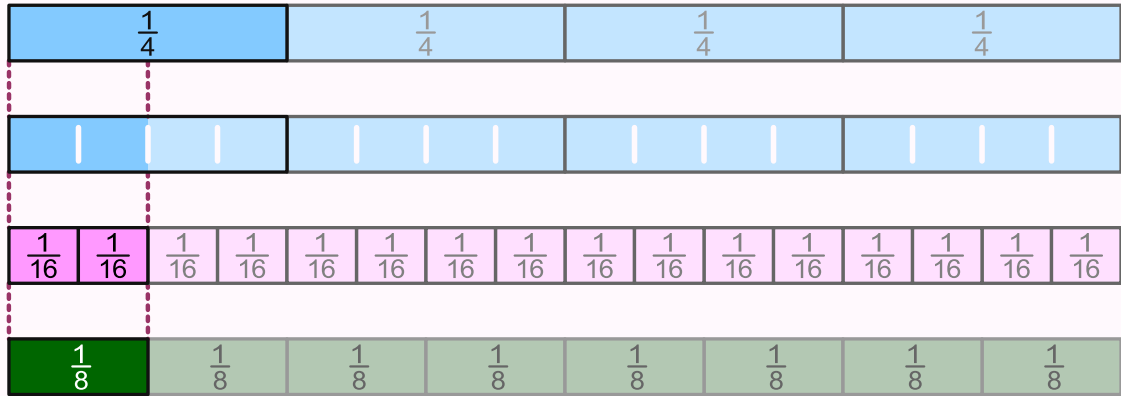
Exercise 29 – Level 3

$$\frac{1}{4} \cdot \frac{1}{4} =$$

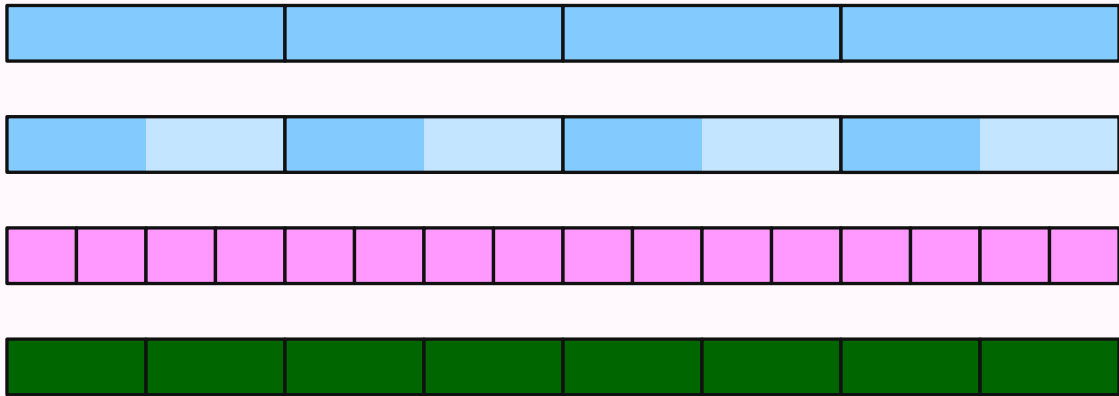


Exercise 30 – Solution

$$\frac{2}{4} \cdot \frac{1}{4} = \frac{2 \cdot 1}{4 \cdot 4} = \frac{2}{16} = \frac{1}{8}$$


Exercise 30 – Level 1

$$\frac{2}{4} \cdot \frac{1}{4} =$$



Exercise 30 – Level 2

$$\frac{2}{4} \cdot \frac{1}{4} =$$

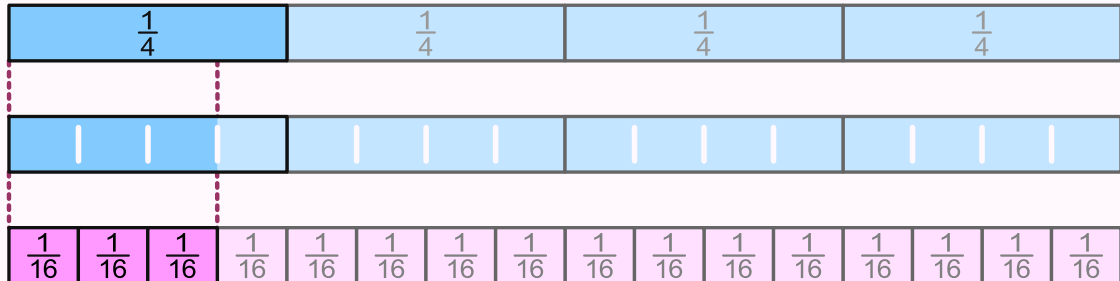

Exercise 30 – Level 3

$$\frac{2}{4} \cdot \frac{1}{4} =$$

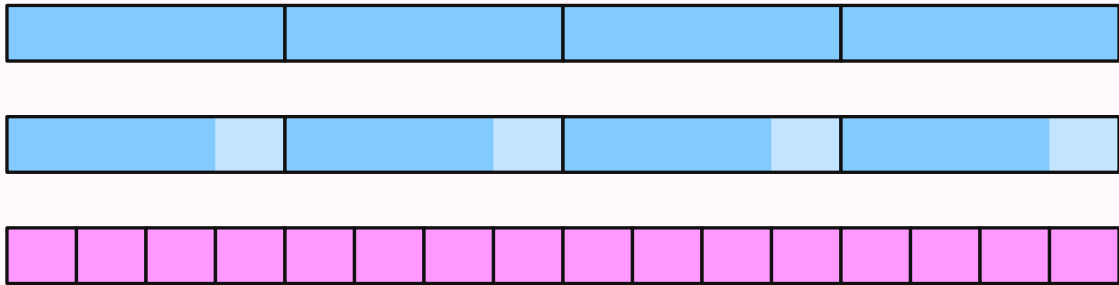


Exercise 31 – Solution

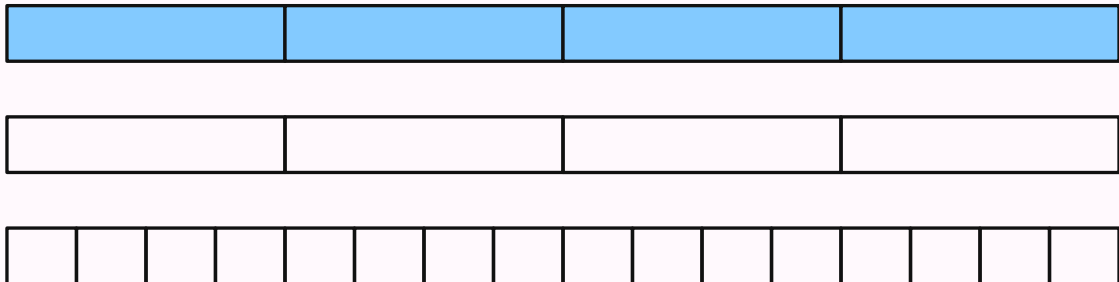
$$\frac{3}{4} \cdot \frac{1}{4} = \frac{3 \cdot 1}{4 \cdot 4} = \frac{3}{16}$$

**Exercise 31 – Level 1**

$$\frac{3}{4} \cdot \frac{1}{4} =$$

**Exercise 31 – Level 2**

$$\frac{3}{4} \cdot \frac{1}{4} =$$

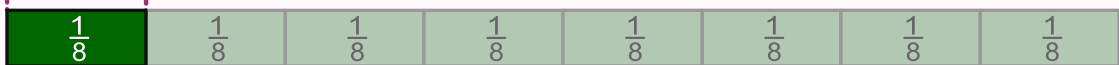
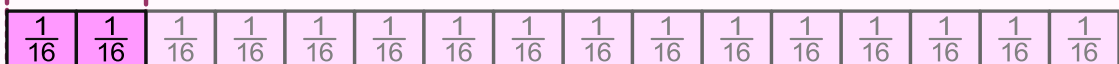
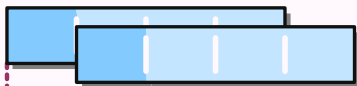


Exercise 31 – Level 3

$$\frac{3}{4} \cdot \frac{1}{4} =$$


Exercise 32 – Solution

$$\frac{1}{4} \cdot \frac{2}{4} = \frac{2}{4 \cdot 4} = \frac{2}{16} = \frac{1}{8}$$



Exercise 32 – Level 1

$$\frac{1}{4} \cdot \frac{2}{4} =$$


Exercise 32 – Level 2

$$\frac{1}{4} \cdot \frac{2}{4} =$$

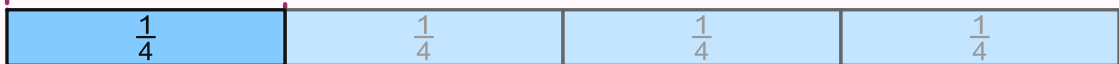
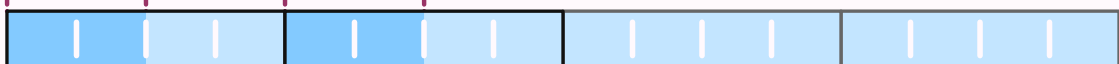


Exercise 32 – Level 3

$$\frac{1}{4} \cdot \frac{2}{4} =$$


Exercise 33 – Solution

$$\frac{2}{4} \cdot \frac{2}{4} = \frac{2 \cdot 2}{4 \cdot 4} = \frac{4}{16} = \frac{1}{4}$$



Exercise 33 – Level 1

$$\frac{2}{4} \cdot \frac{2}{4} =$$


Exercise 33 – Level 2

$$\frac{2}{4} \cdot \frac{2}{4} =$$



Exercise 33 – Level 3

$$\frac{2}{4} \cdot \frac{2}{4} =$$

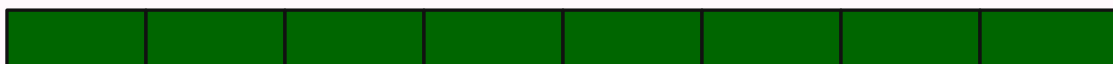
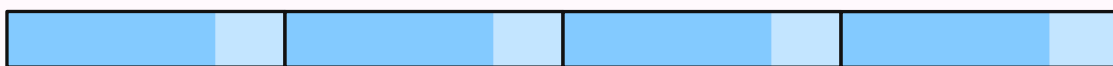

Exercise 34 – Solution

$$\frac{3}{4} \cdot \frac{2}{4} = \frac{3 \cdot 2}{4 \cdot 4} = \frac{6}{16} = \frac{3}{8}$$



Exercise 34 – Level 1

$$\frac{3}{4} \cdot \frac{2}{4} =$$



Exercise 34 – Level 2

$$\frac{3}{4} \cdot \frac{2}{4} =$$

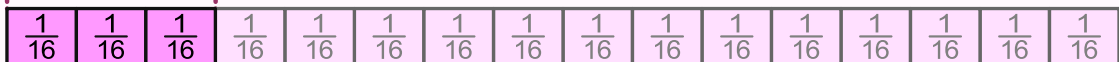
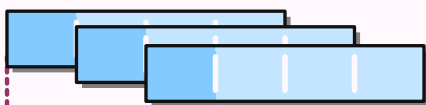


Exercise 34 – Level 3

$$\frac{3}{4} \cdot \frac{2}{4} =$$


Exercise 35 – Solution

$$\frac{1}{4} \cdot \frac{3}{4} = \frac{1 \cdot 3}{4 \cdot 4} = \frac{3}{16}$$



Exercise 35 – Level 1

$$\frac{1}{4} \cdot \frac{3}{4} =$$


Exercise 35 – Level 2

$$\frac{1}{4} \cdot \frac{3}{4} =$$

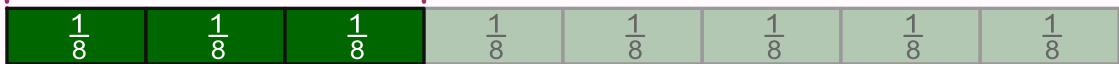
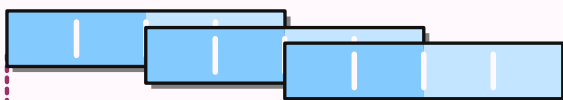
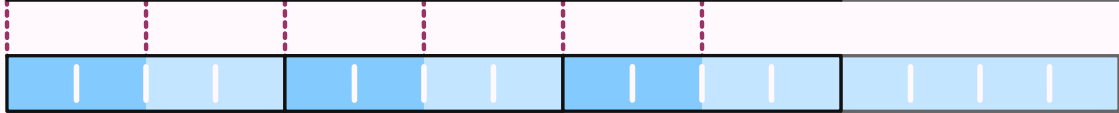


Exercise 35 – Level 3

$$\frac{1}{4} \cdot \frac{3}{4} =$$


Exercise 36 – Solution

$$\frac{2}{4} \cdot \frac{3}{4} = \frac{2 \cdot 3}{4 \cdot 4} = \frac{6}{16} = \frac{3}{8}$$



Exercise 36 – Level 1

$$\frac{2}{4} \cdot \frac{3}{4} =$$


Exercise 36 – Level 2

$$\frac{2}{4} \cdot \frac{3}{4} =$$

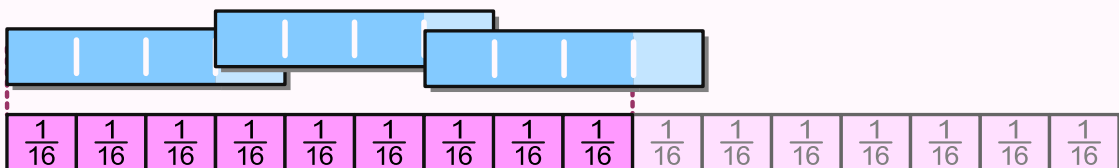
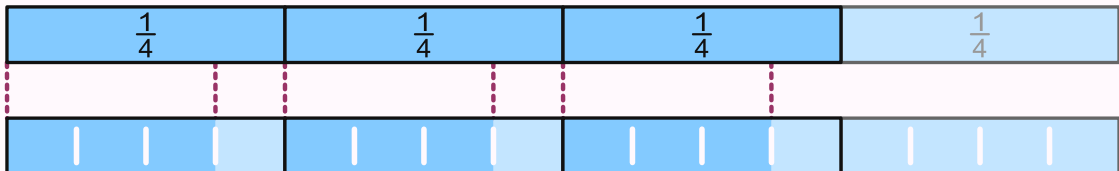


Exercise 36 – Level 3

$$\frac{2}{4} \cdot \frac{3}{4} =$$


Exercise 37 – Solution

$$\frac{3}{4} \cdot \frac{3}{4} = \frac{3 \cdot 3}{4 \cdot 4} = \frac{9}{16}$$



Exercise 37 – Level 1

$$\frac{3}{4} \cdot \frac{3}{4} =$$


Exercise 37 – Level 2

$$\frac{3}{4} \cdot \frac{3}{4} =$$

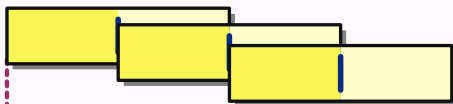
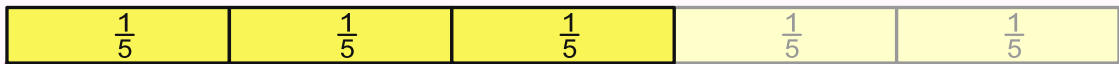


Exercise 37 – Level 3

$$\frac{3}{4} \cdot \frac{3}{4} =$$


Exercise 38 – Solution

$$\frac{1}{2} \cdot \frac{3}{5} = \frac{1 \cdot 3}{2 \cdot 5} = \frac{3}{10}$$



Exercise 38 – Level 1

$$\frac{1}{2} \cdot \frac{3}{5} =$$


Exercise 38 – Level 2

$$\frac{1}{2} \cdot \frac{3}{5} =$$

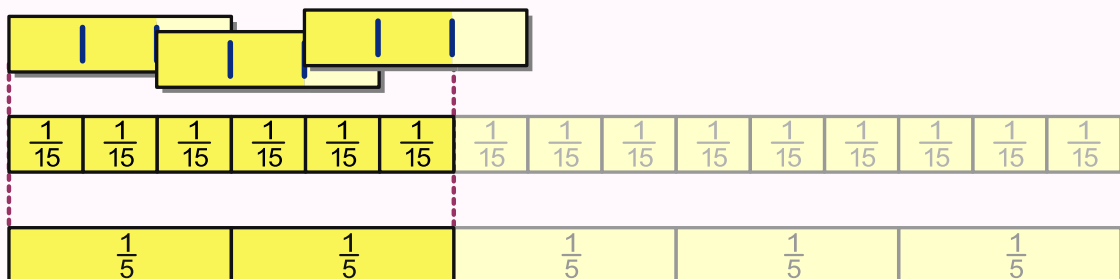
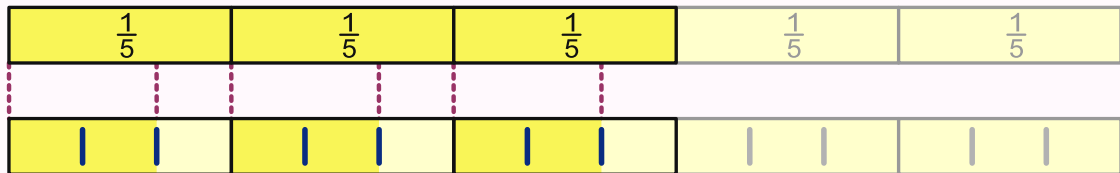


Exercise 38 – Level 3

$$\frac{1}{2} \cdot \frac{3}{5} =$$


Exercise 39 – Solution

$$\frac{2}{3} \cdot \frac{3}{5} = \frac{2 \cdot 3}{3 \cdot 5} = \frac{6}{15} = \frac{2}{5}$$



Exercise 39 – Level 1

$$\frac{2}{3} \cdot \frac{3}{5} =$$


Exercise 39 – Level 2

$$\frac{2}{3} \cdot \frac{3}{5} =$$

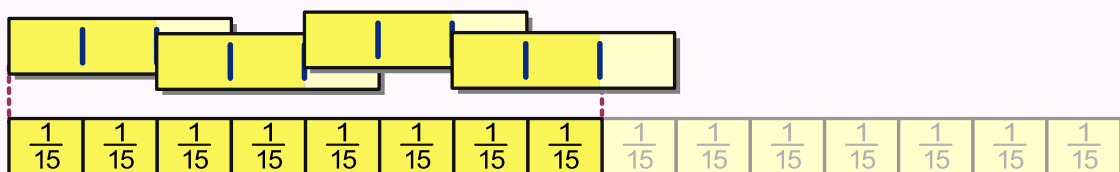
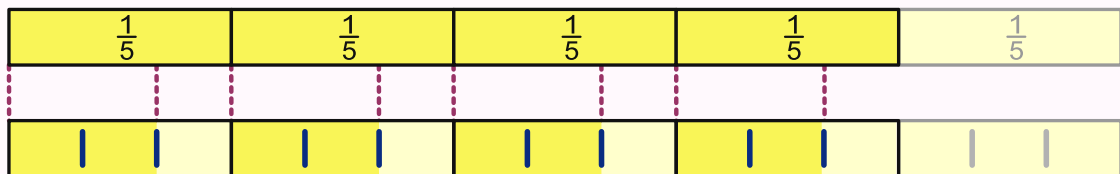


Exercise 39 – Level 3

$$\frac{2}{3} \cdot \frac{3}{5} =$$


Exercise 40 – Solution

$$\frac{2}{3} \cdot \frac{4}{5} = \frac{2 \cdot 4}{3 \cdot 5} = \frac{8}{15}$$



Exercise 40 – Level 1

$$\frac{2}{3} \cdot \frac{4}{5} =$$


Exercise 40 – Level 2

$$\frac{2}{3} \cdot \frac{4}{5} =$$



Exercise 40 – Level 3

$$\frac{2}{3} \cdot \frac{4}{5} =$$


Exercise 41 – Solution

$$\frac{3}{4} \cdot \frac{3}{5} = \frac{3 \cdot 3}{4 \cdot 5} = \frac{9}{20}$$



Exercise 41 – Level 1

$$\frac{3}{4} \cdot \frac{3}{5} =$$


Exercise 41 – Level 2

$$\frac{3}{4} \cdot \frac{3}{5} =$$



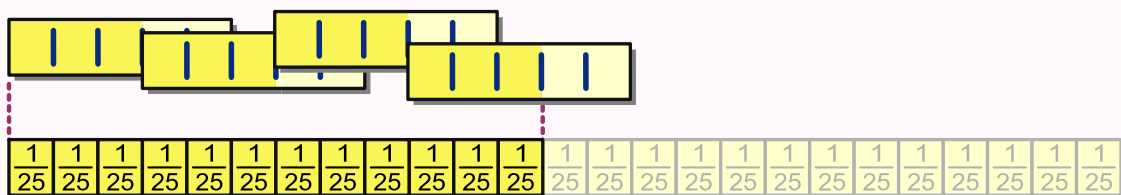
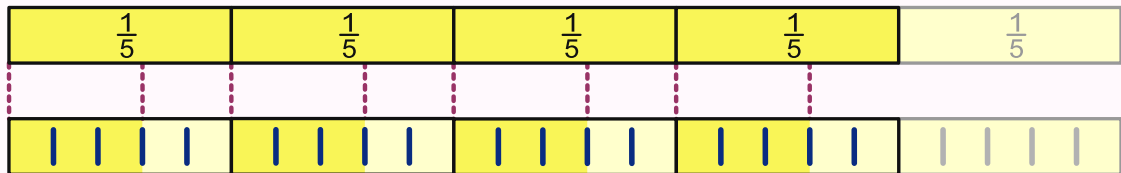
Exercise 41 – Level 3

$$\frac{3}{4} \cdot \frac{3}{5} =$$

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Exercise 42 – Solution

$$\frac{3}{5} \cdot \frac{4}{5} = \frac{3 \cdot 4}{5 \cdot 5} = \frac{12}{25}$$

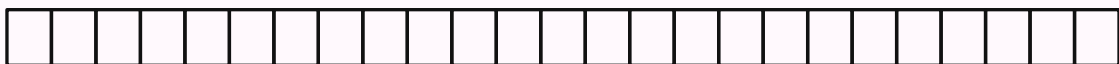


Exercise 42 – Level 1

$$\frac{3}{5} \cdot \frac{4}{5} =$$


Exercise 42 – Level 2

$$\frac{3}{5} \cdot \frac{4}{5} =$$



$$\frac{3}{5} \cdot \frac{4}{5} =$$

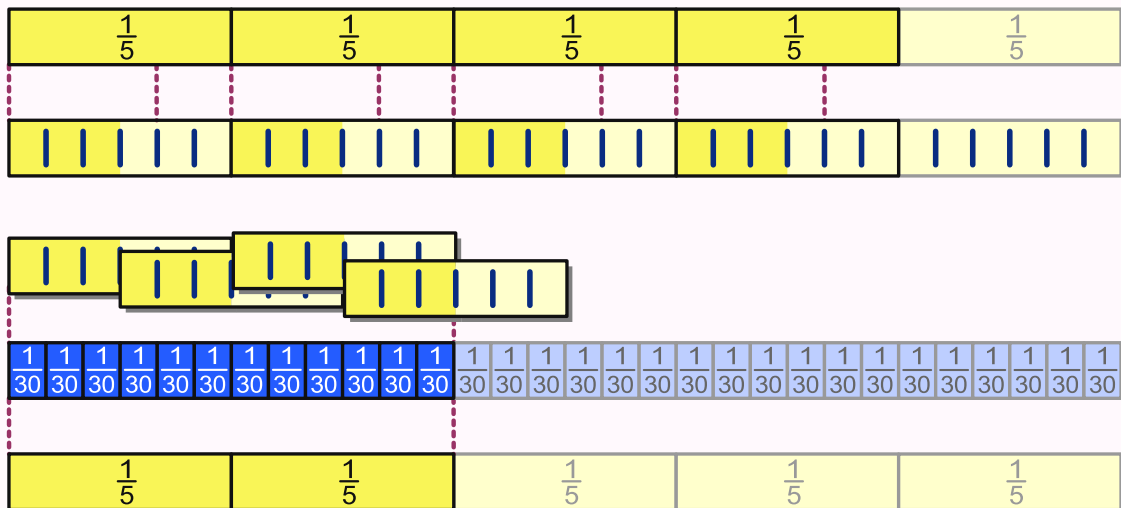
--

--

[illegible]

Exercise 43 – Solution

$$\frac{3}{6} \cdot \frac{4}{5} = \frac{3 \cdot 4}{6 \cdot 5} = \frac{12}{30} = \frac{2}{5}$$



Exercise 43 – Level 1

$$\frac{3}{6} \cdot \frac{4}{5} =$$


Exercise 43 – Level 2

$$\frac{3}{6} \cdot \frac{4}{5} =$$

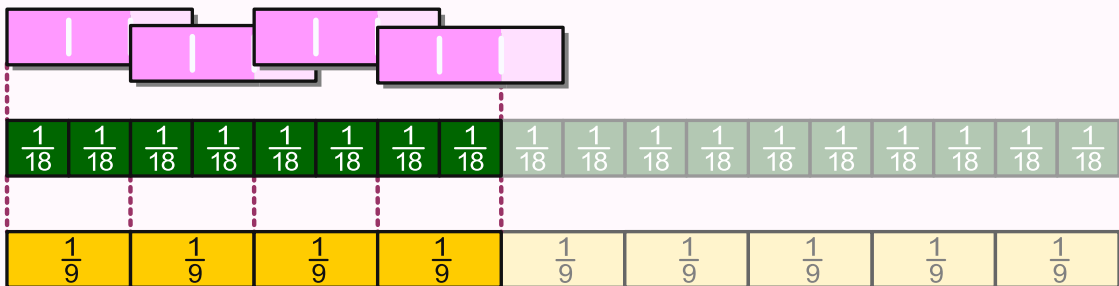


Exercise 43 – Level 3

$$\frac{3}{6} \cdot \frac{4}{5} =$$

Exercise 44 – Solution

$$\frac{2}{3} \cdot \frac{4}{6} = \frac{2 \cdot 4}{3 \cdot 6} = \frac{8}{18} = \frac{4}{9}$$



Exercise 44 – Level 1

$$\frac{2}{3} \cdot \frac{4}{6} =$$



Exercise 44 – Level 2

$$\frac{2}{3} \cdot \frac{4}{6} =$$

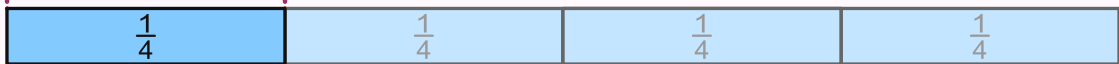
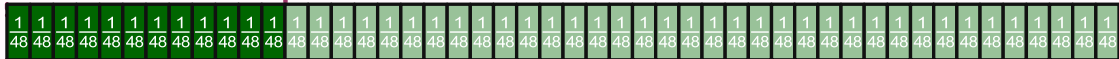
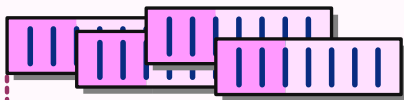


Exercise 44 – Level 3

$$\frac{2}{3} \cdot \frac{4}{6} =$$


Exercise 45 – Solution

$$\frac{3}{8} \cdot \frac{4}{6} = \frac{3 \cdot 4}{8 \cdot 6} = \frac{12}{48} = \frac{1}{4}$$



Exercise 45 – Level 1

$$\frac{3}{8} \cdot \frac{4}{6} =$$


Exercise 45 – Level 2

$$\frac{3}{8} \cdot \frac{4}{6} =$$

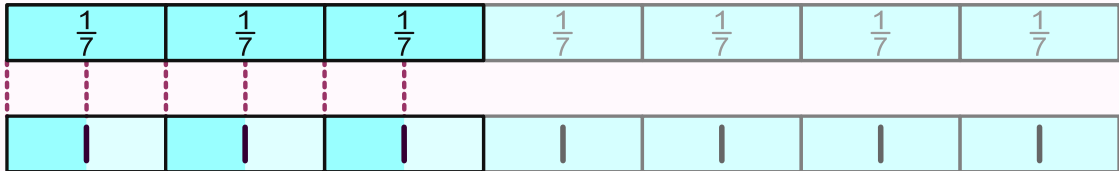


Exercise 45 – Level 3

$$\frac{3}{8} \cdot \frac{4}{6} =$$

Exercise 46 – Solution

$$\frac{1}{2} \cdot \frac{3}{7} = \frac{1 \cdot 3}{2 \cdot 7} = \frac{3}{14}$$



Exercise 46 – Level 1

$$\frac{1}{2} \cdot \frac{3}{7} =$$


Exercise 46 – Level 2

$$\frac{1}{2} \cdot \frac{3}{7} =$$



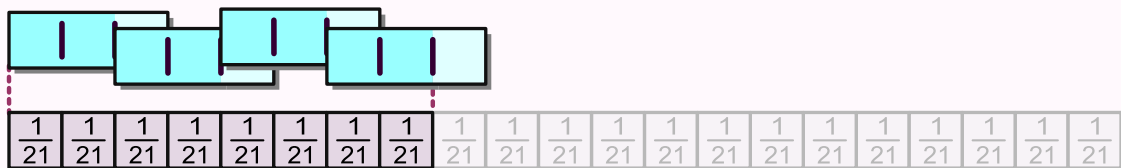
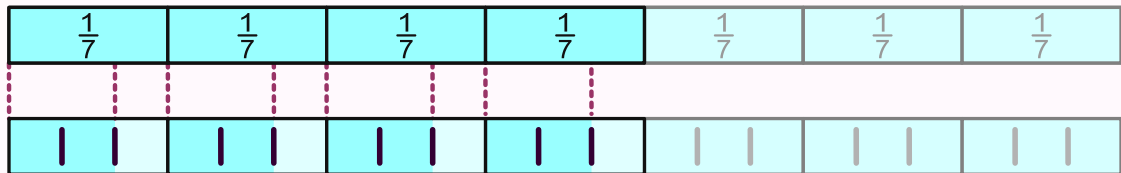
Exercise 46 – Level 3

$$\frac{1}{2} \cdot \frac{3}{7} =$$

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Exercise 47 – Solution

$$\frac{2}{3} \cdot \frac{4}{7} = \frac{2 \cdot 4}{3 \cdot 7} = \frac{8}{21}$$



Exercise 47 – Level 1

$$\frac{2}{3} \cdot \frac{4}{7} =$$



Exercise 47 – Level 2

$$\frac{2}{3} \cdot \frac{4}{7} =$$

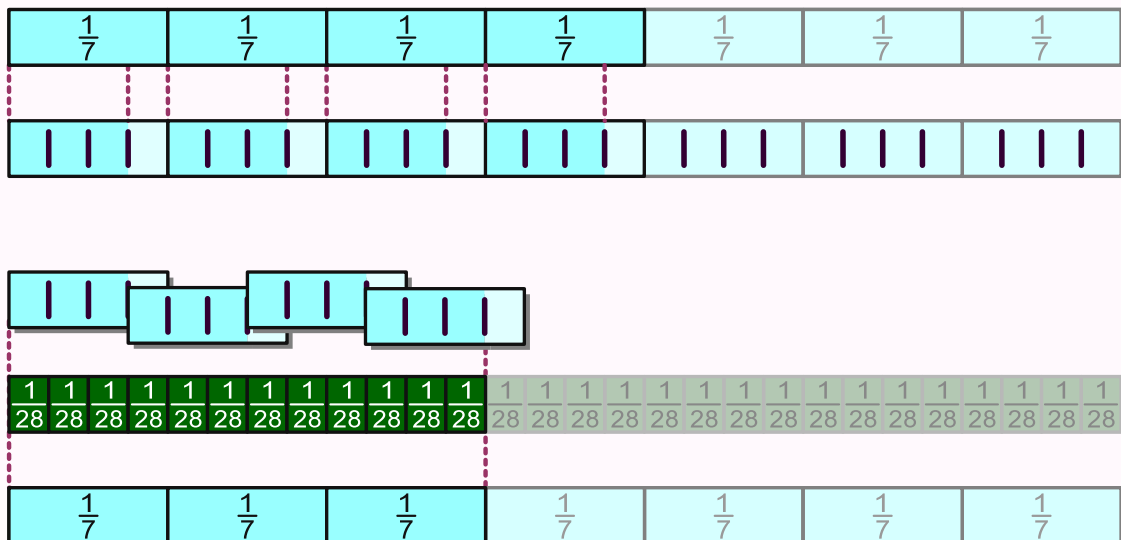


Exercise 47 – Level 3

$$\frac{2}{3} \cdot \frac{4}{7} =$$

Exercise 48 – Solution

$$\frac{3}{4} \cdot \frac{4}{7} = \frac{3 \cdot 4}{4 \cdot 7} = \frac{12}{28} = \frac{3}{7}$$



Exercise 48 – Level 1

$$\frac{3}{4} \cdot \frac{4}{7} =$$


Exercise 48 – Level 2

$$\frac{3}{4} \cdot \frac{4}{7} =$$

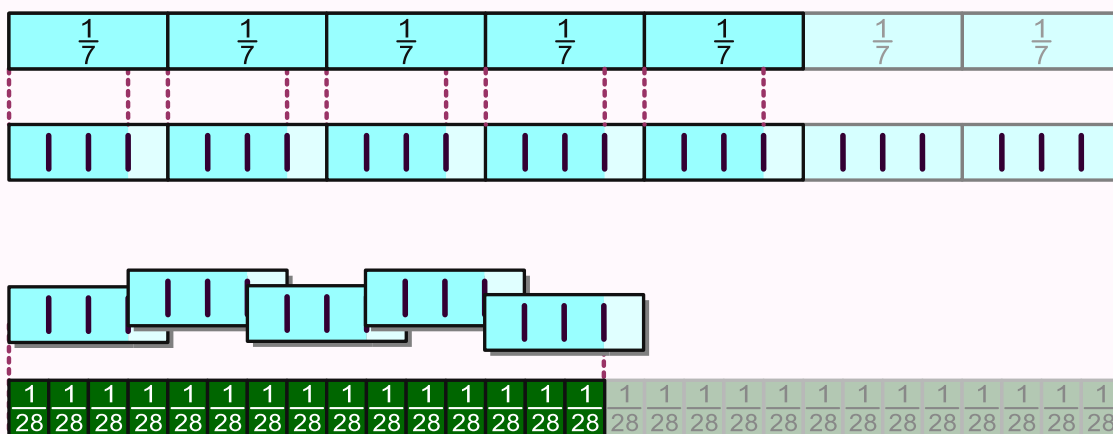


Exercise 48 – Level 3

$$\frac{3}{4} \cdot \frac{4}{7} =$$

Exercise 49 – Solution

$$\frac{3}{4} \cdot \frac{5}{7} = \frac{3 \cdot 5}{4 \cdot 7} = \frac{15}{28} = \frac{9}{14}$$



Exercise 49 – Level 1

$$\frac{3}{4} \cdot \frac{5}{7} =$$


Exercise 49 – Level 2

$$\frac{3}{4} \cdot \frac{5}{7} =$$

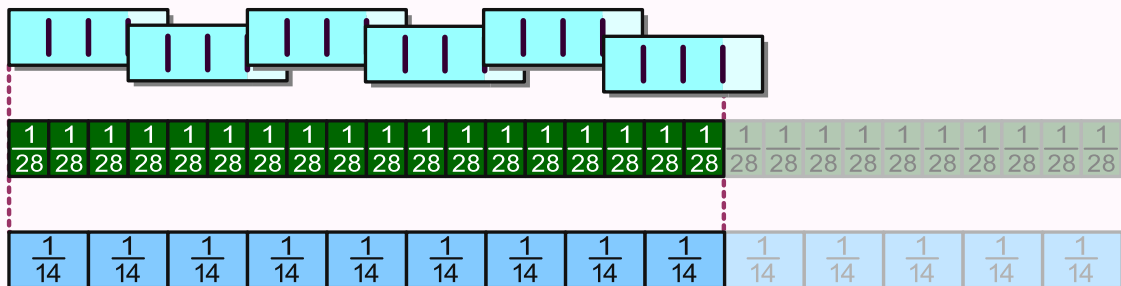
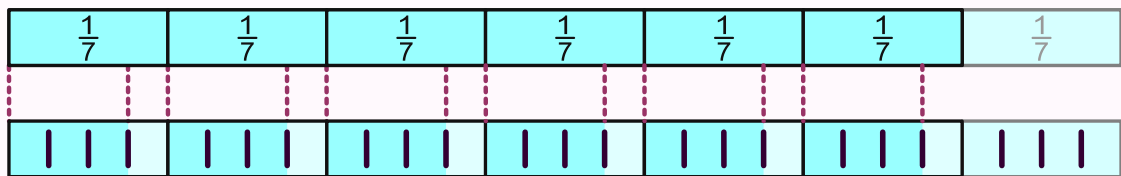


Exercise 49 – Level 3

$$\frac{3}{4} \cdot \frac{5}{7} =$$

Exercise 50 – Solution

$$\frac{3}{4} \cdot \frac{6}{7} = \frac{3 \cdot 6}{4 \cdot 7} = \frac{18}{28} = \frac{9}{14}$$



Exercise 50 – Level 1

$$\frac{3}{4} \cdot \frac{6}{7} =$$


Exercise 50 – Level 2

$$\frac{3}{4} \cdot \frac{6}{7} =$$

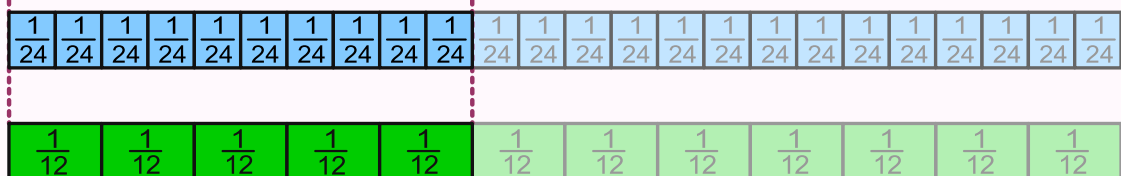
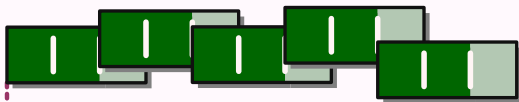
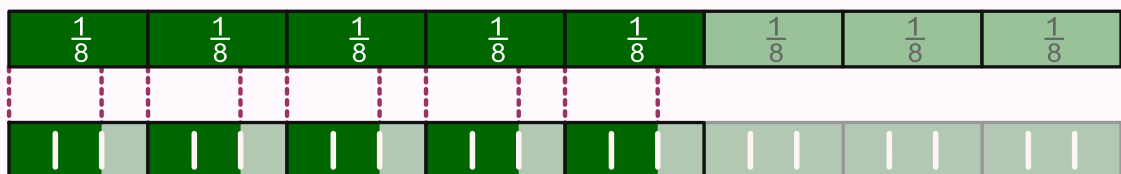


Exercise 50 – Level 3

$$\frac{3}{4} \cdot \frac{6}{7} =$$

Exercise 51 – Solution

$$\frac{2}{3} \cdot \frac{5}{8} = \frac{2 \cdot 5}{3 \cdot 8} = \frac{10}{24} = \frac{5}{12}$$



Exercise 51 – Level 1

$$\frac{2}{3} \cdot \frac{5}{8} =$$



Exercise 51 – Level 2

$$\frac{2}{3} \cdot \frac{5}{8} =$$

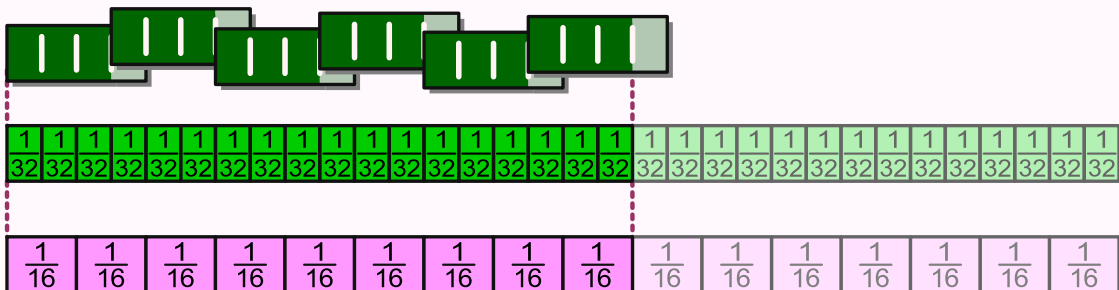
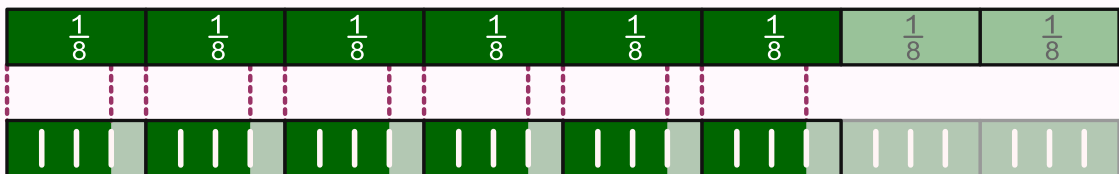


Exercise 51 – Level 3

$$\frac{2}{3} \cdot \frac{5}{8} =$$

Exercise 52 – Solution

$$\frac{3}{4} \cdot \frac{6}{8} = \frac{3 \cdot 6}{4 \cdot 8} = \frac{18}{32} = \frac{9}{16}$$



Exercise 52 – Level 1

$$\frac{3}{4} \cdot \frac{6}{8} =$$


Exercise 52 – Level 2

$$\frac{3}{4} \cdot \frac{6}{8} =$$

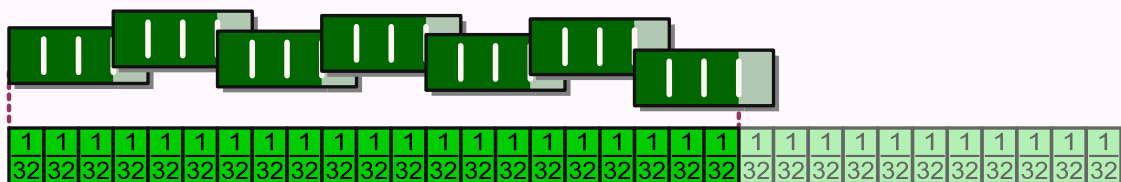
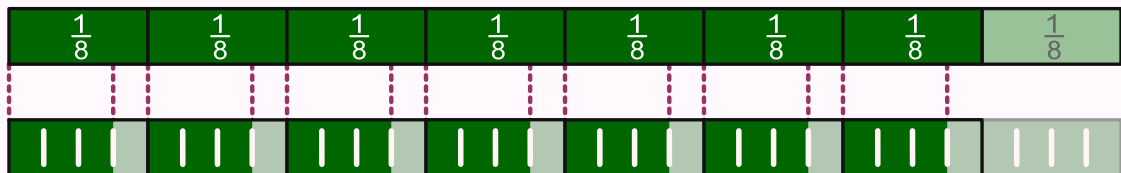


Exercise 52 – Level 3

$$\frac{3}{4} \cdot \frac{6}{8} =$$

Exercise 53 – Solution

$$\frac{3}{4} \cdot \frac{7}{8} = \frac{3 \cdot 7}{4 \cdot 8} = \frac{21}{32}$$

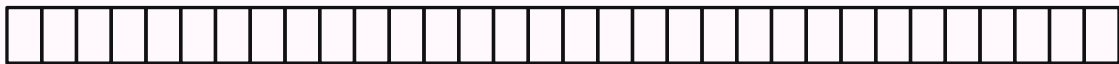


Exercise 53 – Level 1

$$\frac{3}{4} \cdot \frac{7}{8} =$$


Exercise 53 – Level 2

$$\frac{3}{4} \cdot \frac{7}{8} =$$

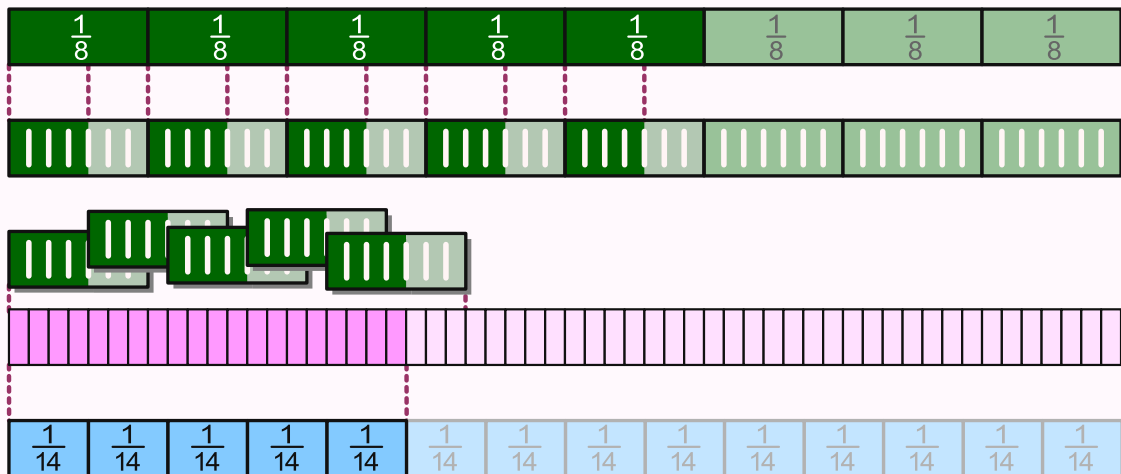


Exercise 53 – Level 3

$$\frac{3}{4} \cdot \frac{7}{8} =$$

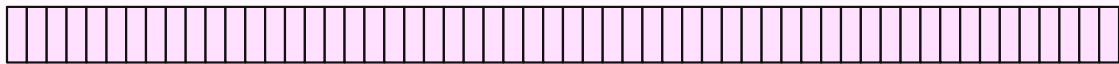
Exercise 54 – Solution

$$\frac{4}{7} \cdot \frac{5}{8} = \frac{4 \cdot 5}{7 \cdot 8} = \frac{20}{56} = \frac{5}{14}$$



Exercise 54 – Level 1

$$\frac{4}{7} \cdot \frac{5}{8} =$$



Exercise 54 – Level 2

$$\frac{4}{7} \cdot \frac{5}{8} =$$

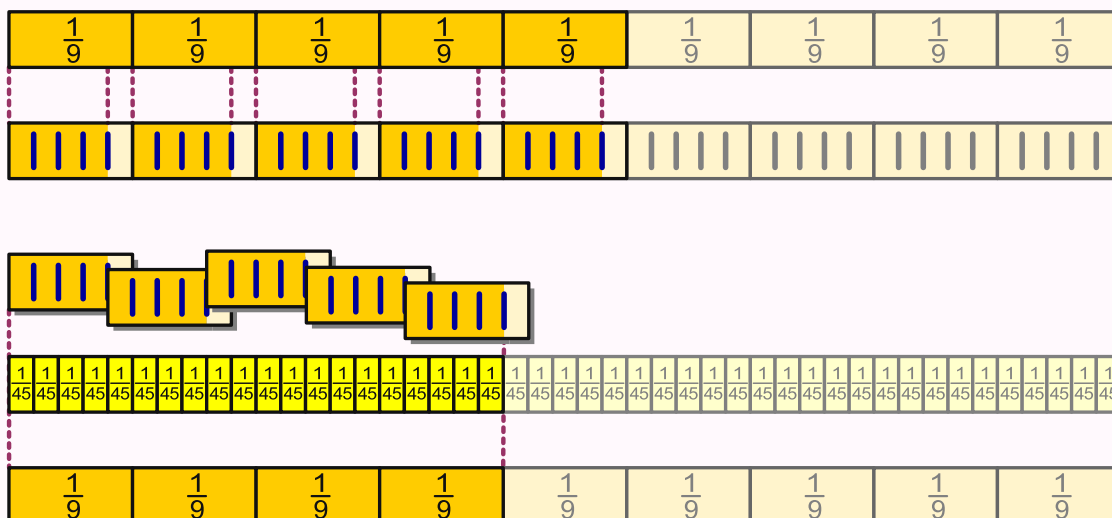


Exercise 54 – Level 3

$$\frac{4}{7} \cdot \frac{5}{8} =$$

Exercise 55 – Solution

$$\frac{4}{5} \cdot \frac{5}{9} = \frac{4 \cdot 5}{5 \cdot 9} = \frac{20}{45} = \frac{4}{9}$$



Exercise 55 – Level 1

$$\frac{4}{5} \cdot \frac{5}{9} =$$


Exercise 55 – Level 2

$$\frac{4}{5} \cdot \frac{5}{9} =$$

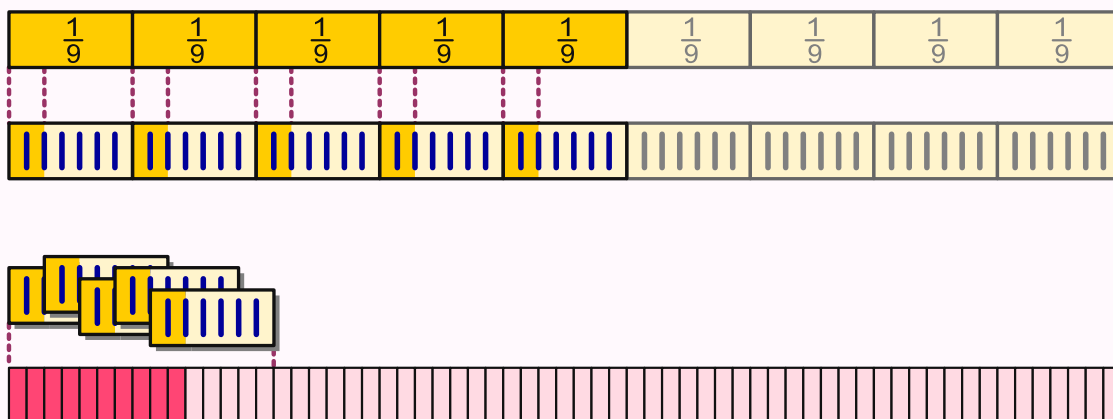


Exercise 55 – Level 3

$$\frac{4}{5} \cdot \frac{5}{9} =$$

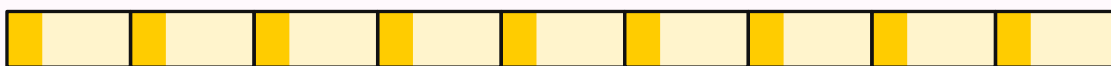
Exercise 56 – Solution

$$\frac{2}{7} \cdot \frac{5}{9} = \frac{2 \cdot 5}{7 \cdot 9} = \frac{10}{63}$$



Exercise 56 – Level 1

$$\frac{2}{7} \cdot \frac{5}{9} =$$


Exercise 56 – Level 2

$$\frac{2}{7} \cdot \frac{5}{9} =$$

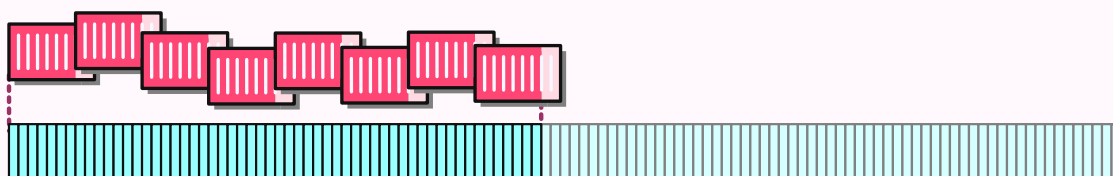
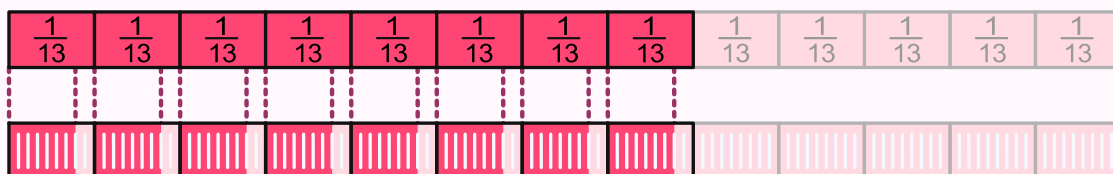


Exercise 56 – Level 3

$$\frac{2}{7} \cdot \frac{5}{9} =$$

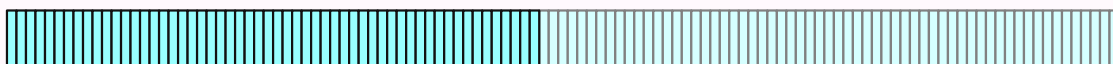
Exercise 57 – Solution

$$\frac{7}{9} \cdot \frac{8}{13} = \frac{7 \cdot 8}{9 \cdot 13} = \frac{56}{117}$$

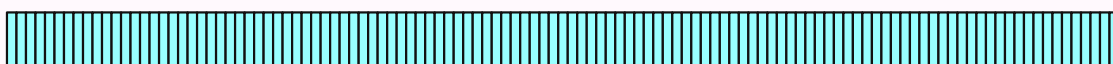


Exercise 57 – Level 1

$$\frac{7}{9} \cdot \frac{8}{13} =$$


Exercise 57 – Level 2

$$\frac{7}{9} \cdot \frac{8}{13} =$$



Exercise 57 – Level 3

$$\frac{7}{9} \cdot \frac{8}{13} =$$

