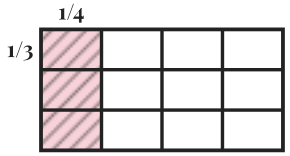
Multiplying fractions

1

Work out $\frac{1}{3} \times \frac{1}{4}$

shade 1/3 the other way



top × top, bottom × bottom

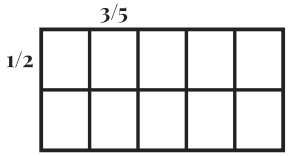
$= \frac{1 \times 1}{3 \times 4} = \frac{\square}{\square}$

Answer _____

2

Work out $\frac{1}{2} \times \frac{3}{5}$

shade 3/5 one way and 1/2 the other



top × top, bottom × bottom

$= \frac{\square \times \square}{\square \times \square} = \frac{\square}{\square}$

Answer _____

3

Work out $\frac{2}{5} \times \frac{2}{3}$

top × top, bottom × bottom

$= \frac{\square \times \square}{\square \times \square} = \frac{\square}{\square}$

Answer _____

4

Work out $\frac{5}{8} \times \frac{3}{4}$

$= \frac{\square \times \square}{\square \times \square} = \frac{\square}{\square}$

Answer _____

5

Work out $\frac{5}{6} \times \frac{3}{10}$

Give your answer in its simplest form.

top × top, bottom × bottom

$= \frac{\square \times \square}{\square \times \square} = \frac{\square}{\square}$

simplify

$= \frac{\square}{\square}$

Answer _____

6

Work out $8 \times \frac{3}{4}$

Give your answer in its simplest form.

write 8 over 1

$= \frac{\square}{\square} \times \frac{3}{4}$

top × top, bottom × bottom, then divide

$= \frac{\square \times \square}{\square \times \square} = \frac{\square}{\square} = \square$

Answer _____

7

Work out $2\frac{1}{2} \times \frac{3}{5}$. Give your answer as a mixed number.

Answer _____

8

Kezia writes $3 \times \frac{2}{7} = \frac{6}{21}$.

Explain why her answer must be wrong. Then work out the right answer.

Answer _____

Multiplying fractions *further practice*

9

Work out $\frac{7}{8} \times \frac{2}{3}$. Give your answer in its simplest form.

Answer _____

10

Work out $\frac{3}{5}$ of $\frac{2}{3}$. Give your answer in its simplest form.

Answer _____

11

Work out $5 \times \frac{3}{10}$. Give your answer as a mixed number.

Answer _____

12

Find the missing number.

$\frac{\square}{3} \times \frac{5}{8} = \frac{10}{24}$

Answer _____

13

Work out $1\frac{1}{3} \times \frac{3}{8}$. Give your answer in its simplest form.

Answer _____

14

A tile is $\frac{3}{4}$ m long and $\frac{2}{5}$ m wide.

Work out its area. Give your answer in its simplest form.

Answer _____

15

Work out $2\frac{1}{4} \times 1\frac{1}{3}$

Answer _____

16

Leah says multiplying always makes a number bigger. Use $\frac{1}{2} \times \frac{6}{7}$ to show that she is wrong.

Answer _____