



Mathness!

Multiplying fractions

Grade 5 math · printable worksheet + answer key

Luna's Space Adventure

Grade 5 · Multiplying fractions · 5.NF.B.4

Name _____

Date _____



Astronaut Luna is exploring a far-off corner of space. Solve each problem to help Luna's mission go smoothly!

ANSWER KEY

A fraction of a number $\frac{2}{3}$ of 12 is $2 \times 12 \div 3$.

$$\frac{1}{3} \times 12 = \square$$

$$\frac{2}{3} \times 15 = \square$$

$$\frac{1}{5} \times 25 = \square$$

$$\frac{1}{2} \times 6 = \square$$

10

3

Fraction times fraction Multiply the tops, multiply the bottoms, then simplify.

$$\frac{2}{5} \times \frac{1}{2} = \frac{\square}{\square}$$

$$\frac{1}{2} \times \frac{1}{4} = \frac{\square}{\square}$$

$$\frac{1}{10} \times \frac{3}{8} = \frac{\square}{\square}$$

$$\frac{5}{6} \times \frac{1}{2} = \frac{\square}{\square}$$

$$\frac{1}{5} \times \frac{2}{3} = \frac{\square}{\square}$$

$$\frac{1}{6} \times \frac{5}{8} = \frac{\square}{\square}$$

3

80

5

18

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Area = length $\times$ width.

A rectangle is $\frac{1}{2}$ m by $\frac{1}{3}$ m. Its area is _____

Free · answer key included

A rectangle is $\frac{3}{4}$ m by $\frac{3}{4}$ m. Its area is

6 sq m

16 sq m

Answer key