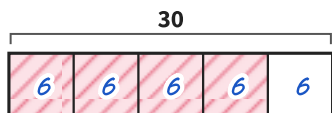


Fraction of an Amount

ANSWERS

1 Work out $\frac{4}{5}$ of 30.



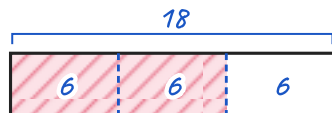
Divide by the bottom. Multiply by the top.

$$30 \div 5 = 6$$

$$6 \times 4 = 24$$

Answer 24

2 Work out $\frac{2}{3}$ of 18.

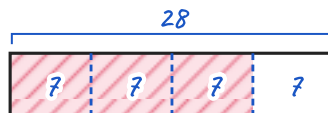


$$18 \div 3 = 6$$

$$6 \times 2 = 12$$

Answer 12

3 Work out $\frac{3}{4}$ of 28.

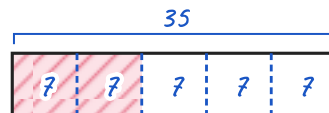


$$28 \div 4 = 7$$

$$7 \times 3 = 21$$

Answer 21

4 Work out $\frac{2}{5}$ of 35.

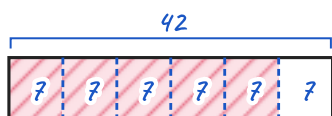


$$35 \div 5 = 7$$

$$7 \times 2 = 14$$

Answer 14

5 Work out $\frac{5}{6}$ of 42.



$$42 \div 6 = 7$$

$$7 \times 5 = 35$$

Answer 35

6 Work out $\frac{3}{8}$ of 48.



$$48 \div 8 = 6$$

$$6 \times 3 = 18$$

Answer 18

7 A class has 32 students. $\frac{3}{8}$ of them cycle to school. How many do not cycle?

$$\frac{3}{8} \text{ of } 32 = 12 \text{ cycle}$$

Answer 20

8 $\frac{1}{5}$ of a number is 9. What is the number?

$$9 \times 5$$

Answer 45

Fraction of an Amount further practice

ANSWERS

9 Work out $\frac{5}{9}$ of 63.



$$63 \div 9 = 7, 7 \times 5 = 35$$

Answer 35

10 Work out $\frac{3}{4}$ of 2 kg. Give your answer in grams.



$$2 \text{ kg} = 2000 \text{ g}, 2000 \div 4 = 500$$

Answer 1500 g

11 Which is more, $\frac{3}{4}$ of 32 or $\frac{5}{6}$ of 30? Show how you know.



$$\frac{3}{4} \text{ of } 32 = 24, \frac{5}{6} \text{ of } 30 = 25$$

Answer $\frac{5}{6}$ of 30

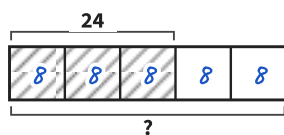
12 A bike ride is 36 km long. Lena stops for lunch after $\frac{7}{12}$ of the ride. How far has she ridden?



$$36 \div 12 = 3, 3 \times 7$$

Answer 21 km

13 $\frac{3}{5}$ of a number is 24. What is the number?



$$24 \div 3 = 8, 8 \times 5 = 40$$

Answer 40

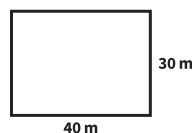
14 Theo has 60 stickers. He gives $\frac{1}{4}$ of the 60 to his sister and $\frac{1}{3}$ of the 60 to his friend. How many stickers does Theo have left?



$$15 + 20 = 35, 60 - 35$$

Answer 25

15 A field is a rectangle 40 m long and 30 m wide. $\frac{2}{3}$ of the field is planted with wheat. What area is planted with wheat?



$$40 \times 30 = 1200, 1200 \div 3 \times 2$$

Answer 800 m²

16 Ravi says that to find $\frac{3}{4}$ of 28 you work out $28 \div 4 \times 3$. Is Ravi right? Explain.



$$\text{divide by 4, then multiply by 3}$$

Answer No, it is $28 \div 4 \times 3 = 21$