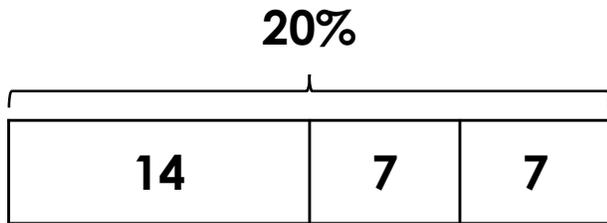


Percentages – Missing Values

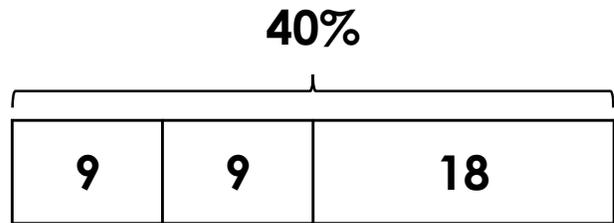
Percentages – Missing Values

5a. Find the whole by using the bar model below to help you.



VF

5b. Find the whole by using the bar model below to help you.



VF

6a. Circle the two facts could that help you complete the calculation below.

$$21\% \text{ of } 90 = \boxed{?}$$

- A. $90 \div 10 = 9$
- B. $50\% \text{ of } 90 = 45$
- C. $9 \div 10 = 0.9$



VF

6b. Circle the two facts that could help you complete the calculation below.

$$11\% \text{ of } 150 = \boxed{?}$$

- A. $150 \div 2 = 75$
- B. $10\% \text{ of } 150 = 150 \div 10$
- C. $1\% = 10\% \div 10$



VF

7a. Find the missing values.

$$5\% \text{ of } 60 = \boxed{}$$

$$10\% \text{ of } \boxed{} = 84$$

$$41\% \text{ of } 30 = \boxed{}$$

$$25\% \text{ of } \boxed{} = 15$$



VF

7b. Find the missing values.

$$9\% \text{ of } 200 = \boxed{}$$

$$35\% \text{ of } \boxed{} = 140$$

$$15\% \text{ of } 70 = \boxed{}$$

$$71\% \text{ of } \boxed{} = 504.1$$



VF

8a. A sweet shop makes 45% of its yearly profit in the month of December.

This December they made a profit of £5,400.

How much was their profit for the whole year?



VF

8b. The local pool uses 35% of the total water to run the water slides.

The total water used by the swimming pool is 12,000 gallons.

How much water do the slides use?

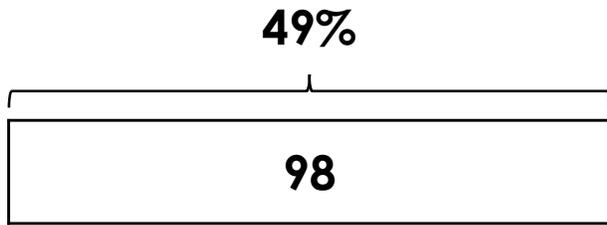


VF

Percentages – Missing Values

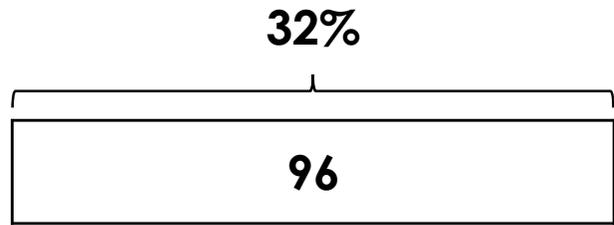
Percentages – Missing Values

9a. If 49% of a whole is 98, what number is the whole?



VF

9b. If 32% of a whole is 96, what number is the whole?



VF

10a. Circle the two facts could that help you complete the calculation below.

$$93\% \text{ of } 350 = \boxed{?}$$

- A. $350 \div 70 = 5$
- B. $10\% \text{ of } 35 = 3.5$
- C. $3 \times 3.5 = 10.5$



VF

10b. Circle the two facts that could help you complete the calculation below.

$$4\% \text{ of } 240 = \boxed{?}$$

- A. $240 \div 50 = 4.8$
- B. $2\% = 10\% \div 5$
- C. $10\% \text{ of } 240 = 24$



VF

11a. Find the missing values.

$$7.5\% \text{ of } 150 = \boxed{}$$

$$64\% \text{ of } \boxed{} = 192$$

$$19.5\% \text{ of } 260 = \boxed{}$$

$$14\% \text{ of } \boxed{} = 21$$



VF

11b. Find the missing values.

$$21.5\% \text{ of } 540 = \boxed{}$$

$$89\% \text{ of } \boxed{} = 178$$

$$3.5\% \text{ of } 120 = \boxed{}$$

$$31\% \text{ of } \boxed{} = 43.4$$



VF

12a. A gardener is mixing compost and manure for his allotment. He makes 7kg of soil in total.

His final product is 62.5% manure.

How much manure did he use?
Give your answer in kilograms.



VF

12b. A chef is making fudge. He mixes peanut butter and sugar together. He makes 6kg of fudge in total.

The final product is 72.5% peanut butter.

How much peanut butter did he use?
Give your answer in kilograms.



VF