

# Equivalent fractions and amounts

Stage 4 · Unit 7: Fractions

ANSWER KEY ✓

Name: _____ Date: _____ Score: ____ / 18

Show your working. Remember: multiply or divide the top and bottom by the same number.

## A. Find the missing number.

1. $\frac{1}{2} = \frac{\boxed{4}}{8}$
2. $\frac{3}{4} = \frac{\boxed{9}}{12}$
3. $\frac{2}{3} = \frac{\boxed{6}}{9}$
4. $\frac{2}{5} = \frac{4}{\boxed{10}}$
5. $\frac{1}{3} = \frac{\boxed{2}}{6}$
6. $\frac{5}{10} = \frac{1}{\boxed{2}}$
7. $\frac{3}{5} = \frac{\boxed{6}}{10}$
8. $\frac{6}{8} = \frac{3}{\boxed{4}}$

## B. Find the fraction of the amount.

Example: $\frac{1}{3}$ of 9 → $\frac{1}{3} \times \frac{9}{1} = \frac{9}{3} = 9 : 3 = 3$

9. $\frac{1}{2}$ of 14 — $\frac{1}{2} \times \frac{14}{1} = \frac{14}{2} = 14 : 2 = 7$
10. $\frac{1}{3}$ of 12 — $\frac{1}{3} \times \frac{12}{1} = \frac{12}{3} = 12 : 3 = 4$
11. $\frac{1}{4}$ of 20 — $\frac{1}{4} \times \frac{20}{1} = \frac{20}{4} = 20 : 4 = 5$
12. $\frac{1}{5}$ of 35 — $\frac{1}{5} \times \frac{35}{1} = \frac{35}{5} = 35 : 5 = 7$
13. $\frac{2}{3}$ of 9 — $\frac{2}{3} \times \frac{9}{1} = \frac{18}{3} = 18 : 3 = 6$
14. $\frac{3}{4}$ of 16 — $\frac{3}{4} \times \frac{16}{1} = \frac{48}{4} = 48 : 4 = 12$
15. $\frac{2}{5}$ of 20 — $\frac{2}{5} \times \frac{20}{1} = \frac{40}{5} = 40 : 5 = 8$
16. $\frac{3}{10}$ of 50 — $\frac{3}{10} \times \frac{50}{1} = \frac{150}{10} = 150 : 10 = 15$

## C. Word problems

17. Kiki has 24 stickers. She gives $\frac{1}{4}$ of them to Pop. How many stickers does Pop get?

6 stickers

18. Toto eats $\frac{3}{8}$ of a pizza and Lulu eats $\frac{2}{8}$. What fraction of the pizza did they eat altogether?

$\frac{5}{8}$