

Equivalent fractions and amounts

Stage 4 · Unit 7: Fractions

Advanced ★★★

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

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 .....
10. $\frac{1}{3}$ of 12 .....
11. $\frac{1}{4}$ of 20 .....
12. $\frac{1}{5}$ of 35 .....
13. $\frac{2}{3}$ of 9 .....
14. $\frac{3}{4}$ of 16 .....
15. $\frac{2}{5}$ of 20 .....
16. $\frac{3}{10}$ of 50 .....

C. Word problems

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

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