

One bar, two names

Bridge course, unit 9

DATE

NAME

Every one of these is one bar cut two different ways. Draw the bar if you are not sure — the amount never changes, only the number of cuts.

1. $\frac{2}{3} + \frac{2}{4}$. Cut both into 12ths: $\frac{\square}{12}$. What goes in the box?
2. $\frac{2}{4} + \frac{1}{5}$. Cut both into 20ths: $\frac{\square}{20}$. What goes in the box?
3. $\frac{2}{4} + \frac{2}{5}$. Cut both into 20ths: $\frac{\square}{20}$. What goes in the box?
4. $\frac{1}{3} + \frac{4}{5}$. Cut both into 15ths: $\frac{\square}{15}$. What goes in the box?
5. $\frac{1}{3} + \frac{2}{4}$. Cut both into 12ths: $\frac{\square}{12}$. What goes in the box?
6. To compare $\frac{2}{3}$ with something in 5ths, both are cut into 15ths. $\frac{2}{3}$ becomes how many 15ths?
7. To compare $\frac{5}{6}$ with something in 5ths, both are cut into 30ths. $\frac{5}{6}$ becomes how many 30ths?

8. Which of these is the same amount as $\frac{1}{3}$?

A) $\frac{4}{3}$

B) $\frac{1}{12}$

C) $\frac{4}{12}$

D) $\frac{5}{7}$

9. Which of these is the same amount as $\frac{1}{2}$?

A) $\frac{3}{4}$

B) $\frac{1}{4}$

C) $\frac{2}{4}$

D) $\frac{2}{2}$

10. Which of these is the same amount as $\frac{2}{3}$?

A) $\frac{4}{3}$

B) $\frac{2}{6}$

C) $\frac{4}{5}$

D) $\frac{4}{6}$

11. $\frac{1}{4} = \frac{\square}{8}$. What goes in the box?

12. $\frac{1}{4} = \frac{\square}{16}$. What goes in the box?

13. $\frac{5}{6} = \frac{\square}{24}$. What goes in the box?

14. $\frac{1}{2} = \frac{\square}{6}$. What goes in the box?