

Naming the slices

Bridge course, unit 9

NAME

Say the fraction out loud in words before you answer — "three of the things called quarters". The words carry the meaning that the two numbers hide.

1. Which is biggest: $\frac{1}{3}$, $\frac{1}{5}$ or $\frac{1}{12}$?
 - A) $\frac{1}{3}$
 - B) $\frac{1}{5}$
 - C) $\frac{1}{12}$
2. Which is biggest: $\frac{1}{3}$, $\frac{1}{5}$ or $\frac{1}{6}$?
 - A) $\frac{1}{3}$
 - B) $\frac{1}{6}$
 - C) $\frac{1}{5}$
3. Which is biggest: $\frac{1}{5}$, $\frac{1}{6}$ or $\frac{1}{12}$?
 - A) $\frac{1}{12}$
 - B) $\frac{1}{6}$
 - C) $\frac{1}{5}$
4. Which is biggest: $\frac{1}{2}$, $\frac{1}{10}$ or $\frac{1}{12}$?
 - A) $\frac{1}{12}$
 - B) $\frac{1}{2}$
 - C) $\frac{1}{10}$
5. A bar is cut into 8 equal pieces. What is one piece called?
 - A) 8 wholes
 - B) One whole
 - C) One tenth
 - D) One eighth
6. A bar is cut into 5 equal pieces. What is one piece called?
 - A) One fifth
 - B) One sixth
 - C) One whole
 - D) 5 wholes
7. A bar is cut into 4 equal pieces. What is one piece called?
 - A) One whole
 - B) One fifth
 - C) One quarter
 - D) 4 wholes
8. How many fifths make one whole?

9. How many quarters make one whole?
10. How many sixths make one whole?
11. A bar is cut into 10 equal pieces. What is one piece called?
- A) One whole
B) 10 wholes
C) One tenth
D) One quarter
12. A bar is cut into 12 equal pieces. What is one piece called?
- A) One twelfth
B) One whole
C) 12 wholes
D) One third
13. A cake is cut into 4 pieces, some bigger than others. Otim says each piece is a quarter. Is he right?
- A) No — the pieces have to be the same size to be quarters
B) Yes — there are 4 pieces, so each is a quarter
C) No — a cake cannot be cut into quarters at all
D) Yes, as long as the biggest one is not too big
14. A cake is cut into 5 pieces, some bigger than others. Otim says each piece is a fifth. Is he right?
- A) No — a cake cannot be cut into fifths at all
B) Yes — there are 5 pieces, so each is a fifth
C) Yes, as long as the biggest one is not too big
D) No — the pieces have to be the same size to be fifths
15. What is $\frac{1}{8}$ of 40?
16. What is $\frac{1}{12}$ of 84?