

Arithmetic

1. $57 + 20$

2. $734 + 215$

3. 75×3

4. $\frac{2}{5} + \frac{2}{5}$

Practice: Equivalent Fractions (3)

5. Recap: Explain how using times tables can help find equivalent fractions.



6. Complete the missing number.

$$\frac{3}{4} = \frac{?}{8}$$

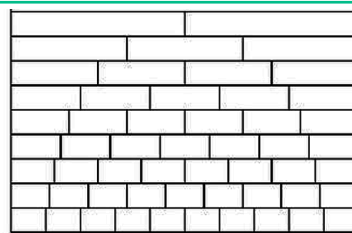
7. Complete the missing word.

thirds = six ninths

8. Find two fractions equivalent to $\frac{1}{3}$.9. Find four fractions equivalent to $\frac{1}{2}$.10. Find a fraction equivalent to $\frac{4}{10}$.

Use pictorial representations to prove they are equivalent.

11. Find two fractions that have no other equivalent fraction in the fraction wall.

12. Write a fraction equivalent to $\frac{1}{2}$ that isn't on the fraction wall.13. Brian says, " $\frac{3}{5}$ is equivalent to $\frac{1}{3}$ because I have added two to the numerator and the denominator." Explain Brian's mistake.

Challenge

14. How many ways can you complete this calculation?

$$\frac{?}{4} = \frac{?}{8} = \frac{?}{12} = \frac{?}{16}$$

You might want
to talk to an adult

Spot the mistake

Answers

Q no.	Question	Answer
1	$57 + 20$	77
2	$734 + 215$	949
3	75×3	225
4	$\frac{2}{5} + \frac{2}{5}$	$\frac{4}{5}$
5	Explain how using times tables can help find equivalent fractions.	By multiplying the numerator and the denominator of a fraction by the same number, you will find an equivalent fraction.
6	Complete the missing number.	6
7	Complete the missing word.	two
8	Find two fractions equivalent to $\frac{1}{3}$.	$\frac{2}{6}$ and $\frac{3}{9}$
9	Find four fractions equivalent to $\frac{1}{2}$.	$\frac{2}{4}$, $\frac{3}{6}$, $\frac{4}{8}$, $\frac{5}{10}$
10	Find a fraction equivalent to $\frac{4}{10}$.	Accept any fractions that are equivalent to $\frac{4}{10}$. Answers should be accompanied by appropriate pictorial representations.
11	Find two fractions that have no other equivalent fraction in the fraction wall.	$\frac{1}{6}$, $\frac{5}{6}$ any of the $\frac{1}{7s}$, $\frac{1}{8}$, $\frac{3}{8}$, $\frac{5}{8}$, $\frac{7}{8}$, $\frac{1}{9}$, $\frac{2}{9}$, $\frac{4}{9}$, $\frac{5}{9}$, $\frac{7}{9}$, $\frac{8}{9}$, $\frac{1}{10}$, $\frac{3}{10}$, $\frac{7}{10}$, $\frac{9}{10}$
12	Write a fraction equivalent to $\frac{1}{2}$ that isn't on the fraction wall.	$\frac{6}{12}$, $\frac{7}{14}$, $\frac{8}{16}$ and so on
13	Explain Brian's mistake.	Brian doesn't understand that he needs to multiply the numerator and denominator by the same number, not add the same number.
14	How many ways can you complete this calculation?	Accept fractions that are equivalent to each other. For example: $\frac{1}{4} = \frac{2}{8} = \frac{3}{12} = \frac{4}{16}$ $\frac{2}{4} = \frac{4}{8} = \frac{6}{12} = \frac{8}{16}$