Equivalent fractions

Name _____ Date _____

Write the missing number.

Common Core 3.NF.A.3b–c

Example $\frac{3}{6} = \frac{1}{?}$

1. The numerator 3 was divided by 3 to make 1.
2. Divide the denominator by 3 too: 6 ÷ 3 = 2.

Answer: ? = 2

1. $\frac{?}{2} = \frac{12}{8}$? = ☐
2. $\frac{1}{2} = \frac{?}{4}$? = ☐
3. $\frac{?}{6} = \frac{3}{2}$? = ☐
4. $\frac{8}{6} = \frac{?}{3}$? = ☐
5. $\frac{12}{8} = \frac{6}{?}$? = ☐
6. $\frac{2}{6} = \frac{?}{3}$? = ☐

Write the missing number.

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

1. 1 whole is 4 quarters.
2. 3 wholes are 3 × 4 = 12 quarters.

Answer: ? = 12

7. $4 = \frac{?}{2}$? = ☐
8. $5 = \frac{20}{?}$? = ☐
9. $\frac{15}{3} =$ ☐
10. $2 = \frac{12}{?}$? = ☐
11. $3 = \frac{?}{3}$? = ☐
12. $\frac{12}{3} =$ ☐

Free to share with other families. Not for resale.

Comparing fractions

Name _____ Date _____

Write <, > or = in the box.

Common Core 3.NF.A.3d

Example $\frac{5}{6}$? $\frac{2}{6}$

1. The parts are the same size (sixths).
2. 5 parts is more than 2 parts.

Answer: $\frac{5}{6} > \frac{2}{6}$

1. $\frac{1}{3}$ ☐ $\frac{3}{3}$
2. $\frac{1}{4}$ ☐ $\frac{2}{4}$
3. $\frac{3}{3}$ ☐ $\frac{2}{3}$
4. $\frac{1}{6}$ ☐ $\frac{3}{6}$
5. $\frac{2}{4}$ ☐ $\frac{4}{4}$
6. $\frac{2}{6}$ ☐ $\frac{4}{6}$

Write <, > or = in the box.

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

1. Both have 3 parts.
2. Quarters are bigger parts than eighths, so 3 quarters is more.

Answer: $\frac{3}{4} > \frac{3}{8}$

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

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Answers

Answers are in the same order as the boxes.

Page 1 · Equivalent fractions

1. 3	3. 9	5. 4	7. 8	9. 5	11. 9
2. 2	4. 4	6. 1	8. 4	10. 6	12. 4

Page 2 · Comparing fractions

1. <	3. >	5. <	7. >	9. >	11. >
2. <	4. <	6. <	8. <	10. <	12. <

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