

Answers Day 6

Finding Equivalent Fractions

DIRECTIONS: Choose the best answer.

1. Which of the following is not equivalent to $\frac{3}{4}$?

- A $\frac{34}{100}$
- B $\frac{9}{12}$
- C $\frac{15}{20}$
- D $\frac{75}{100}$

2. The puzzle had 100 pieces. Eight of the pieces were solid white. Which fraction does not show how many of the pieces were solid white?

- F $\frac{8}{100}$
- G $\frac{4}{50} \times \frac{2}{2} = \frac{8}{100}$
- H $\frac{2}{25} \times \frac{4}{4} = \frac{8}{100}$
- I $\frac{1}{10}$

3. Which of the following is not equivalent to $\frac{1}{2}$?

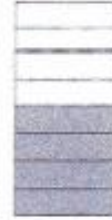
- A $\frac{50}{100}$
- B $\frac{2}{10}$
- C $\frac{2}{4}$
- D $\frac{5}{10}$

4. Which of the following is equivalent to $\frac{3}{10}$?

- F $\frac{1}{3}$
- G $\frac{2}{9}$
- H $\frac{6}{20}$
- J none of these

5. This fraction picture shows that $\frac{1}{2}$ means the same as which other fraction?

- A $\frac{1}{4}$
- B $\frac{1}{8}$
- C $\frac{2}{8}$
- D $\frac{4}{8}$



6. Which figure is less than $\frac{3}{4}$ shaded?

- F
- G
- H
- J

$= \frac{1}{2}$ shaded

Directions: Circle the fractions in each row that are equivalent to the fraction in the first column. The first one has been done for you.

1.	$\frac{3}{12}$	$\frac{1}{4}$	$\frac{8}{11}$	$\frac{2}{8}$	$\frac{3}{10}$
2.	$\frac{1}{8}$	$\frac{4}{8}$	$\frac{3}{24}$	$\frac{4}{12}$	$\frac{2}{16}$
3.	$\frac{5}{6}$	$\frac{5}{8}$	$\frac{25}{30}$	$\frac{5}{7}$	$\frac{10}{12}$
4.	$\frac{1}{4}$	$\frac{4}{16}$	$\frac{10}{11}$	$\frac{9}{11}$	$\frac{3}{12}$
5.	$\frac{3}{5}$	$\frac{4}{5}$	$\frac{6}{10}$	$\frac{11}{12}$	$\frac{15}{25}$
6.	$\frac{2}{7}$	$\frac{8}{28}$	$\frac{5}{12}$	$\frac{5}{9}$	$\frac{6}{21}$
7.	$\frac{2}{3}$	$\frac{3}{8}$	$\frac{6}{9}$	$\frac{8}{12}$	$\frac{8}{10}$
8.	$\frac{3}{4}$	$\frac{7}{10}$	$\frac{9}{12}$	$\frac{6}{7}$	$\frac{18}{24}$
9.	$\frac{1}{6}$	$\frac{5}{26}$	$\frac{1}{5}$	$\frac{5}{30}$	$\frac{3}{18}$
10.	$\frac{1}{4}$	$\frac{2}{11}$	$\frac{5}{20}$	$\frac{2}{8}$	$\frac{1}{12}$
11.	$\frac{2}{9}$	$\frac{4}{18}$	$\frac{4}{28}$	$\frac{6}{27}$	$\frac{2}{3}$
12.	$\frac{1}{3}$	$\frac{6}{11}$	$\frac{2}{6}$	$\frac{3}{9}$	$\frac{3}{6}$
13.	$\frac{3}{5}$	$\frac{15}{25}$	$\frac{7}{9}$	$\frac{6}{9}$	$\frac{6}{10}$
14.	$\frac{1}{3}$	$\frac{1}{9}$	$\frac{4}{12}$	$\frac{3}{12}$	$\frac{6}{18}$
15.	$\frac{1}{2}$	$\frac{5}{10}$	$\frac{4}{11}$	$\frac{2}{10}$	$\frac{50}{100}$

Simplify Fractions (Remember you must do the same thing to the numerator and denominator.)

Practice

Directions: For Numbers 1 through 8, simplify each fraction.

$$1. \frac{4}{10} = \frac{\cancel{4}^2}{\cancel{10}_5} = \frac{2}{5}$$

$$2. \frac{9}{12} = \frac{\cancel{9}^3}{\cancel{12}_4} = \frac{3}{4}$$

$$3. \frac{6}{8} = \frac{\cancel{6}^3}{\cancel{8}_4} = \frac{3}{4}$$

$$4. \frac{3}{9} = \frac{\cancel{3}^1}{\cancel{9}_3} = \frac{1}{3}$$

$$5. \frac{4}{12} = \frac{\cancel{4}^1}{\cancel{12}_4} = \frac{1}{3}$$

$$6. \frac{5}{15} = \frac{\cancel{5}^1}{\cancel{15}_5} = \frac{1}{3}$$

$$7. \frac{12}{16} = \frac{\cancel{12}^3}{\cancel{16}_4} = \frac{3}{4}$$

$$8. \frac{14}{16} = \frac{\cancel{14}^7}{\cancel{16}_8} = \frac{7}{8}$$