

Name: ..... Class: .....

Write fractions in lowest terms



Find the lowest term of the following fractions.

a.  $\frac{24}{40} =$

Find the lowest term of the following fractions. Tick the correct answer.

b.  $\frac{21}{77} =$      a   $\frac{3}{11}$     b   $\frac{1}{2}$     c   $\frac{1}{7}$     d   $\frac{1}{3}$

c.  $\frac{100}{250} =$      a   $\frac{10}{25}$     b   $\frac{2}{5}$     c   $\frac{4}{10}$     d   $\frac{20}{50}$

d.  $\frac{12}{24} =$      a   $\frac{3}{6}$     b   $\frac{6}{12}$     c   $\frac{1}{2}$     d   $\frac{4}{8}$

e.  $\frac{8}{20} =$      a   $\frac{2}{5}$     b   $\frac{4}{10}$     c   $\frac{4}{5}$     d   $\frac{8}{10}$

f.  $\frac{32}{48} =$      a   $\frac{8}{12}$     b   $\frac{4}{6}$     c   $\frac{8}{6}$     d   $\frac{2}{3}$



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Find the lowest term of the following fractions.

a.  $\frac{24}{40} = \frac{3}{5}$

Let's first of all find the greatest common divisor of both the numerator and the denominator.

Let's list the factors of 24 and 40.

24: 1, 2, 3, 4, 6, 8, 12, 24

40: 1, 2, 4, 6, 8, 20, 40

You see that the greatest common factor is 8.

So, let's divide both numerator and denominator by 8.

$$\frac{24 \div 8}{40 \div 8} = \frac{3}{5}$$

So,  $\frac{24}{40}$  in its lowest term is  $\frac{3}{5}$

Find the lowest term of the following fractions. Tick the correct answer.

b.  $\frac{21}{77} = \frac{3}{11}$      a  $\frac{3}{11}$      b  $\frac{1}{2}$      c  $\frac{1}{7}$      d  $\frac{1}{3}$

c.  $\frac{100}{250} = \frac{2}{5}$      a  $\frac{10}{25}$      b  $\frac{2}{5}$      c  $\frac{4}{10}$      d  $\frac{20}{50}$

d.  $\frac{12}{24} = \frac{1}{2}$      a  $\frac{3}{6}$      b  $\frac{6}{12}$      c  $\frac{1}{2}$      d  $\frac{4}{8}$

e.  $\frac{8}{20} = \frac{2}{5}$      a  $\frac{2}{5}$      b  $\frac{4}{10}$      c  $\frac{4}{5}$      d  $\frac{8}{10}$

f.  $\frac{32}{48} = \frac{2}{3}$      a  $\frac{8}{12}$      b  $\frac{4}{6}$      c  $\frac{8}{6}$      d  $\frac{2}{3}$

