



# Timester Challenge

## Equivalent Fractions



Here are 5 fractions.

$$\frac{6}{8} \quad \frac{12}{20} \quad \frac{30}{40} \quad \frac{84}{116} \quad \frac{96}{128}$$

Circle the fractions which are not equivalent to  $\frac{3}{4}$ .

Bronze ★

Find a fraction between  $\frac{1}{3}$  and  $\frac{1}{2}$ .

Silver ★

Here are five fractions.

$$\frac{3}{8} \quad \frac{19}{32} \quad \frac{1}{4} \quad \frac{1}{2} \quad \frac{9}{16}$$

Write the fractions in ascending order of size.

Gold ★

Circle the fraction that is not equivalent to  $\frac{2}{3}$ .

$$\frac{6}{9} \quad \frac{10}{15} \quad \frac{18}{33} \quad \frac{28}{42}$$

Bronze ★

Which of  $\frac{3}{8}$  or  $\frac{5}{9}$  is closer in value to  $\frac{1}{2}$ ?  
You must show your working.

Silver ★

Circle the fraction equivalent to 2.625.

$$\frac{5}{8} \quad \frac{26}{25} \quad \frac{11}{4} \quad \frac{21}{8}$$

Gold ★



# Timester Challenge

## Equivalent Fractions



### Answers

Here are 5 fractions.

$$\frac{6}{8} \quad \boxed{\frac{12}{20}} \quad \frac{30}{40} \quad \boxed{\frac{84}{116}} \quad \frac{96}{128}$$

Circle the fractions which are not equivalent to  $\frac{3}{4}$ .

Bronze ★

Find a fraction between  $\frac{1}{3}$  and  $\frac{1}{2}$ .

$$\frac{1}{3} = \frac{2}{6} = \frac{4}{12}$$

$$\frac{1}{2} = \frac{3}{6} = \frac{6}{12}$$

$\frac{5}{12}$  is between  $\frac{1}{3}$  and  $\frac{1}{2}$

Silver ★

Here are five fractions.

$$\frac{3}{8} \quad \frac{19}{32} \quad \frac{1}{4} \quad \frac{1}{2} \quad \frac{9}{16}$$

Write the fractions in ascending order of size.

$$\frac{1}{4}, \frac{3}{8}, \frac{1}{2}, \frac{9}{16} \text{ and } \frac{19}{32}$$

Gold ★

Circle the fraction that is not equivalent to  $\frac{2}{3}$ .

$$\frac{6}{9} \quad \frac{10}{15} \quad \boxed{\frac{18}{33}} \quad \frac{28}{42}$$

Bronze ★

Which of  $\frac{3}{8}$  or  $\frac{5}{9}$  is closer in value to  $\frac{1}{2}$ ?

You must show your working.

$$\frac{3}{8} = \frac{27}{72} \text{ and } \frac{5}{9} = \frac{40}{72}$$

A half is  $\frac{36}{72}$  so  $\frac{5}{9}$  is closer.

Silver ★

Circle the fraction equivalent to 2.625.

$$\frac{5}{8} \quad \frac{26}{25} \quad \frac{11}{4} \quad \boxed{\frac{21}{8}}$$

Gold ★