

Workout

Question 1: Find the missing numbers

(a) $\frac{2}{3} = \frac{\quad}{6}$ (b) $\frac{1}{5} = \frac{\quad}{20}$ (c) $\frac{3}{4} = \frac{\quad}{12}$ (d) $\frac{5}{7} = \frac{10}{\quad}$

(e) $\frac{\quad}{5} = \frac{15}{25}$ (f) $\frac{4}{\quad} = \frac{12}{21}$ (g) $\frac{3}{10} = \frac{\quad}{50}$ (h) $\frac{7}{8} = \frac{14}{\quad}$

(i) $\frac{3}{4} = \frac{30}{\quad}$ (j) $\frac{\quad}{8} = \frac{55}{88}$ (k) $\frac{2}{9} = \frac{10}{\quad}$ (l) $\frac{2}{3} = \frac{\quad}{18}$

(m) $\frac{1}{20} = \frac{5}{\quad}$ (n) $\frac{5}{6} = \frac{\quad}{18}$ (o) $\frac{3}{8} = \frac{9}{\quad}$ (p) $\frac{7}{12} = \frac{\quad}{36}$

Question 2: Find the missing numbers

(a) $\frac{6}{7} = \frac{42}{\quad}$ (b) $\frac{9}{20} = \frac{63}{\quad}$ (c) $\frac{5}{12} = \frac{35}{\quad}$ (d) $\frac{7}{8} = \frac{\quad}{64}$

(e) $\frac{4}{\quad} = \frac{32}{72}$ (f) $\frac{3}{4} = \frac{\quad}{52}$ (g) $\frac{7}{25} = \frac{140}{\quad}$ (h) $\frac{\quad}{15} = \frac{42}{105}$

(i) $\frac{11}{16} = \frac{88}{\quad}$ (j) $\frac{2}{9} = \frac{\quad}{108}$ (k) $\frac{13}{25} = \frac{\quad}{375}$ (l) $\frac{9}{\quad} = \frac{81}{144}$

Apply

Question 1: Write down 3 different fractions that are equivalent to $\frac{1}{2}$

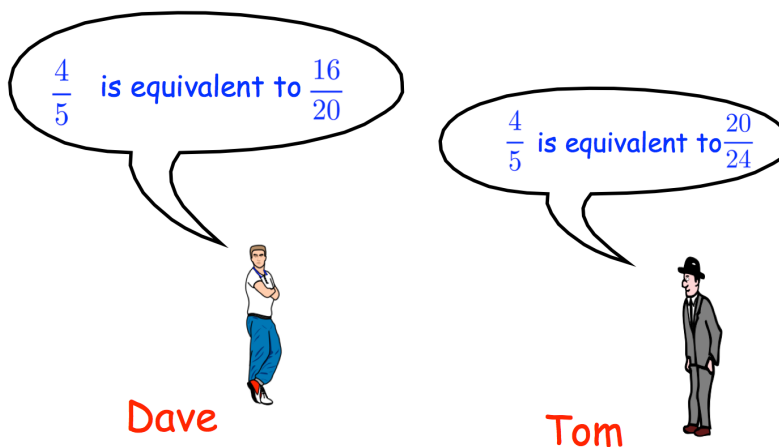
Question 2: Write down 3 different fractions that are equivalent to $\frac{3}{5}$

Question 3: Write down 3 different fractions that are equivalent to $\frac{7}{12}$

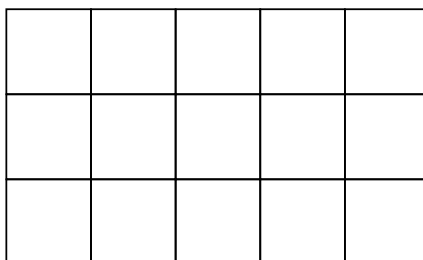
Equivalent Fractions

Video 135 on www.corbettmaths.com

Question 4: Dave and Tom are discussing fractions.
Is either man correct?



Question 5: Use the grid to explain why $\frac{3}{4}$ cannot be written as a fraction with a denominator of 15.



Question 6: Macey has completed her maths homework.
Can you explain what she has done wrong?

(a) $\frac{3}{4} = \frac{\boxed{4}}{16}$

(c) $\frac{7}{8} = \frac{35}{\boxed{5}}$

(b) $\frac{\boxed{3}}{5} = \frac{6}{15}$

(d) $\frac{2}{\boxed{8}} = \frac{16}{40}$