

Examples



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Workout

Question 1: Change these improper fractions into mixed numbers

(a)  $\frac{7}{3}$       (b)  $\frac{7}{5}$       (c)  $\frac{5}{2}$       (d)  $\frac{8}{7}$       (e)  $\frac{5}{3}$

(f)  $\frac{10}{3}$       (g)  $\frac{23}{2}$       (h)  $\frac{11}{4}$       (i)  $\frac{11}{8}$       (j)  $\frac{9}{4}$

(k)  $\frac{13}{10}$       (l)  $\frac{13}{6}$       (m)  $\frac{16}{7}$       (n)  $\frac{51}{10}$       (o)  $\frac{34}{11}$

(p)  $\frac{29}{12}$       (q)  $\frac{60}{11}$       (r)  $\frac{47}{15}$       (s)  $\frac{101}{9}$       (t)  $\frac{99}{20}$

(u)  $\frac{12}{9}$       (v)  $\frac{35}{10}$       (w)  $\frac{18}{4}$       (x)  $\frac{50}{6}$       (y)  $\frac{40}{15}$

Question 2: Change these mixed numbers into improper fractions

(a)  $2\frac{1}{5}$       (b)  $3\frac{1}{2}$       (c)  $1\frac{3}{4}$       (d)  $3\frac{2}{3}$       (e)  $1\frac{2}{5}$

(f)  $2\frac{4}{7}$       (g)  $1\frac{1}{3}$       (h)  $2\frac{3}{10}$       (i)  $4\frac{3}{4}$       (j)  $1\frac{7}{12}$

(k)  $3\frac{9}{10}$       (l)  $2\frac{3}{50}$       (m)  $3\frac{5}{8}$       (n)  $8\frac{3}{8}$       (o)  $1\frac{14}{32}$

(p)  $2\frac{19}{24}$       (q)  $12\frac{1}{9}$       (r)  $5\frac{4}{15}$       (s)  $4\frac{11}{12}$       (t)  $13\frac{7}{16}$

## Apply

Question 1: Match up the improper fractions and mixed numbers.

$$2\frac{1}{4}$$

$$2\frac{1}{3}$$

$$1\frac{3}{4}$$

$$3\frac{2}{3}$$

$$\frac{7}{4}$$

$$\frac{11}{3}$$

$$\frac{7}{3}$$

$$\frac{9}{4}$$

Question 2: Arrange these improper fractions in order, starting with the smallest.

$$\frac{23}{4}, \frac{37}{7}, \frac{11}{2}$$

Question 3: Write down a mixed number between  $3\frac{3}{11}$  and  $3\frac{2}{5}$

Question 4: Gregory feeds his cat  $\frac{2}{5}$  of a can of cat food each day.

Work out how many cans of cat food are eaten each fortnight.

Give your answer as a mixed number.



Question 5:

$$13$$

$$9$$

$$21$$

$$5$$

$$2$$

Using the cards, create an improper fraction that is:

(a) between 1 and 2

(b) between 2 and 3

(c) between 4 and 5

(d) between 5 and 10

(e) greater than 10

Answers



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