



New Maths GCSE: N8 - Simplifying Fractions

Name:

Date:

Simplify $\frac{18}{24}$

(a) $\frac{9}{12}$ (c) $\frac{4.5}{6}$

(b) $\frac{3}{4}$ (d) $\frac{3}{6}$

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

Cancel completely

$\frac{4}{8}$

A) $\frac{1}{3}$ B) $\frac{2}{8}$

C) $\frac{1}{2}$ D) $\frac{1}{4}$

www.coopsonline.co.uk

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

Cancel completely

$\frac{7}{21}$

A) $\frac{3}{7}$ B) $\frac{1}{3}$

C) $\frac{1}{8}$ D) $\frac{1}{7}$

www.coopsonline.co.uk

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

Cancel completely

$$\frac{15}{25}$$

A) $\frac{3}{4}$ B) $\frac{4}{5}$

C) $\frac{5}{6}$ D) $\frac{3}{5}$

www.coopsonline.co.uk

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

Write $\frac{24}{30}$ as simply as possible

a) $\frac{24}{30}$ b) $\frac{12}{15}$

c) $\frac{8}{10}$ d) $\frac{4}{5}$

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

Write $\frac{14}{21}$ as simply as possible

a) $\frac{4}{2}$ b) $\frac{14}{21}$

c) $\frac{7}{10.5}$ d) $\frac{2}{3}$

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

Write $\frac{14}{31}$ as simply as possible

a) $\frac{4}{3}$ b) $\frac{14}{31}$

c) $\frac{7}{15.5}$ d) $\frac{7}{16}$

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

Which button do you press if you want to type in a fraction?

- A) 
- B) 
- C) 
- D) 



Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

Theo earns £20 one weekend.
He gives £4 to his brother.

Express £4 as a fraction of £20
Give your answer in its simplest form.

$$\frac{4}{20} = \text{shaded box}$$

What should go in the shaded box?

- | | |
|-------------------|-------------------|
| A) $\frac{2}{10}$ | B) $\frac{1}{20}$ |
| C) 20% | D) $\frac{1}{5}$ |

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....

There are 40 pupils in Mrs Lim's class. 24 them are girls.

What fraction of the class are boys?

- A) $\frac{1}{5}$
- B) $\frac{2}{5}$
- C) $\frac{3}{5}$
- D) $\frac{4}{5}$

Correct Answer: A B C D

Explanation:

.....

.....

.....

.....

.....

.....