

Year 7 Class 32 questions

Q1

Change to an improper fraction.

$$4\frac{2}{25} \rightarrow \frac{\square}{\square}$$

mixed number improper fraction

Q2

Change to a mixed number.

$$\frac{22}{7} \rightarrow \square\frac{\square}{\square}$$

improper fraction mixed number

Q3

$\frac{1}{7}$ of 42 =

7 36 6 21

Q4

$\frac{14}{15} \times \frac{2}{3} =$

$\frac{16}{45}$ $\frac{16}{18}$ $\frac{28}{45}$ $\frac{5}{15}$

Q5

$\frac{2}{33} \times 5\frac{5}{8} =$

$\frac{17}{22}$ $\frac{4}{11}$ $\frac{31}{77}$ $\frac{15}{44}$

Q6

What fraction is 380lb of 400lb?

$$\frac{\square}{\square}$$

Q7

Which fraction is equivalent to $4\frac{3}{8}$?

$\frac{27}{6}$ $\frac{39}{8}$ $\frac{31}{8}$ $\frac{35}{8}$

Q8

Which fraction is equivalent to $4\frac{7}{9}$?

$\frac{27}{4}$ $\frac{21}{6}$ $\frac{31}{9}$ $\frac{43}{9}$

Q9

Change to a mixed number.

$$\frac{28}{9} \rightarrow \square\frac{\square}{\square}$$

improper fraction mixed number

Q10

Change to a mixed number.

$$\frac{51}{4} \rightarrow \square\frac{\square}{\square}$$

improper fraction mixed number

Q11

Find $\frac{5}{6}$ of 24.

Q12

Find $\frac{2}{7}$ of 35.

Q13

$$\frac{3}{10} \times \frac{7}{25} =$$

$$\frac{4}{25} \quad \frac{10}{35} \quad \frac{10}{250} \quad \frac{21}{250}$$

Q14

$$\frac{13}{14} \times \frac{13}{25} =$$

$$\frac{26}{350} \quad \frac{26}{39} \quad \frac{169}{350} \quad \frac{14}{35}$$

Q15

Find the answer in **simplest** form.

$$\frac{11}{18} \times 6\frac{3}{4} = \frac{\square}{\square}$$

$$= \square \frac{\square}{\square}$$

Q16

Find the answer in **simplest** form.

$$2\frac{1}{2} \times 5\frac{1}{4} = \frac{\square}{\square}$$

$$= \square \frac{\square}{\square}$$

Q17

What fraction is 45 of 60?

Answer in simplest form.

$$\frac{\square}{\square}$$

Q18

What fraction is 40 minutes of $1\frac{1}{2}$ hours?

$$\frac{\square}{\square}$$

Q19

Change to an improper fraction.

$$7\frac{4}{5} \rightarrow \frac{\square}{\square}$$

How many fifths are in $7\frac{4}{5}$?

Q20

How many halves are in $12\frac{1}{2}$?

Q21

Change to a mixed number.

$$\frac{101}{15} \rightarrow \frac{\square}{\square} \frac{\square}{\square}$$

improper fraction mixed number

Q22

As a mixed number $\frac{27}{5}$ equals

- $5\frac{2}{5}$ $2\frac{7}{5}$ $5\frac{1}{5}$ $4\frac{2}{5}$

Q23

Find $\frac{4}{11}$ of 1100.

Q24

$\frac{3}{7}$ of 91 =

- 13 26 39 36

Q25

Multiply these fractions, giving your answer in **simplest** form.

$$\frac{6}{7} \times \frac{14}{18} = \frac{\square}{\square}$$

Q26

Multiply these fractions, giving your answer in **simplest** form.

$$\frac{3}{5} \times \frac{15}{21} = \frac{\square}{\square}$$

Q27

Find the answer in **simplest** form.

$$3\frac{4}{7} \times 2\frac{4}{5} = \square$$

Q28

Find the answer in **simplest** form.

$$4\frac{1}{2} \div 6 = \frac{\square}{\square}$$

Q29

What fraction is 36 of 40?

Answer in simplest form.

$$\frac{\square}{\square}$$

Q30

What fraction is 450 m of $\frac{1}{2}$ km?

- $\frac{9}{100}$ $\frac{9}{10}$ $\frac{45}{500}$ $\frac{45}{5}$