

Year 7 Class 32 questions

Q1

Change to an improper fraction.

$$4\frac{2}{25} \rightarrow \frac{\square}{\square} \quad \boxed{\frac{102}{25}}$$

mixed number improper fraction

Q2

Change to a mixed number.

$$\frac{22}{7} \rightarrow \square\frac{\square}{\square} \quad \boxed{3\frac{1}{7}}$$

improper fraction mixed number

Q3

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

7 36 **6** 21

Q4

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

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

Q5

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

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

Q6

What fraction is 380lb of 400lb?

$\frac{\square}{\square} \quad \boxed{\frac{19}{20}}$

Q7

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

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

Q8

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

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

Q9

Change to a mixed number.

$$\frac{28}{9} \rightarrow \square\frac{\square}{\square} \quad \boxed{3\frac{1}{9}}$$

improper fraction mixed number

Q10

Change to a mixed number.

$$\frac{51}{4} \rightarrow \square\frac{\square}{\square} \quad \boxed{12\frac{3}{4}}$$

improper fraction mixed number

Q11

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

 20

Q12

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

 10

Q13

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

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

Q14

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

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

Q15

Find the answer in **simplest** form.

$$\frac{11}{18} \times 6\frac{3}{4} = \frac{\square}{\square} \quad \boxed{\frac{33}{8}}$$

$$= \frac{\square}{\square} \quad \boxed{4\frac{1}{8}}$$

Q16

Find the answer in **simplest** form.

$$2\frac{1}{2} \times 5\frac{1}{4} = \frac{\square}{\square} \quad \boxed{\frac{105}{8}}$$

$$= \frac{\square}{\square} \quad \boxed{13\frac{1}{8}}$$

Q17

What fraction is 45 of 60?

Answer in simplest form.

$$\frac{\square}{\square} \quad \boxed{\frac{3}{4}}$$

Q18

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

$$\frac{\square}{\square} \quad \boxed{\frac{4}{9}}$$

Q19

Change to an improper fraction.

$$7\frac{4}{5} \rightarrow \frac{\square}{\square} \quad \boxed{\frac{39}{5}}$$

How many fifths are in $7\frac{4}{5}$? 39

Q20

How many halves are in $12\frac{1}{2}$? 25

Q21

Change to a mixed number.

$$\frac{101}{15} \rightarrow \frac{\square}{\square} \quad \boxed{6\frac{11}{15}}$$

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.

$$\square \quad \boxed{400}$$

Q24

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

- 13 26 39 36

Q25

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

$$\frac{6}{7} \times \frac{14}{18} = \frac{\square}{\square} \quad \frac{2}{3}$$

Q26

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

$$\frac{3}{5} \times \frac{15}{21} = \frac{\square}{\square} \quad \frac{3}{7}$$

Q27

Find the answer in **simplest** form.

$$3\frac{4}{7} \times 2\frac{4}{5} = \square \quad 10$$

Q28

Find the answer in **simplest** form.

$$4\frac{1}{2} \div 6 = \frac{\square}{\square} \quad \frac{3}{4}$$

Q29

What fraction is 36 of 40?

Answer in simplest form.

$$\frac{\square}{\square} \quad \frac{9}{10}$$

Q30

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

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