

Year 8 Class 7 questions

Q1

$\frac{2}{3}$ as a decimal is

- $0.\dot{6}$ 0.6
 0.23 $0.0\dot{6}$

Q2

$$\frac{5}{8} - \frac{1}{3} =$$

- $\frac{4}{5}$ $\frac{7}{24}$ $\frac{4}{24}$ $\frac{5}{12}$

Q3

Write 9.25 as an improper fraction in simplest form.

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Q4

Write 3.25 as an improper fraction in simplest form.

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Q5

Do the subtraction, giving your answer in its **simplest** form.

$$\frac{9}{10} - \frac{1}{2} = \frac{\boxed{}}{\boxed{}}$$

Q6

Do the subtraction, giving your answer in its **simplest** form.

$$\frac{5}{6} - \frac{7}{10} = \frac{\boxed{}}{\boxed{}}$$

Q7

Do the subtraction, giving your answer in **simplest** form.

$$2\frac{3}{5} - 1\frac{2}{3} = \frac{\boxed{}}{\boxed{}}$$

Q8

Do the subtraction, giving your answer in **simplest** form.

$$10\frac{2}{9} - 9\frac{2}{3} = \frac{\boxed{}}{\boxed{}}$$

Q9

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

$$\frac{2}{3} \times \frac{15}{12} = \frac{\boxed{}}{\boxed{}}$$

Q10

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

$$\frac{7}{10} \times \frac{35}{41} = \frac{\boxed{}}{\boxed{}}$$

Q11

Find the answer in **simplest** form.

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

$$= \frac{\boxed{}}{\boxed{}}$$

Q12

Find the answer in **simplest** form.

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

Q13

$$237.2 - 124.47 = \boxed{}$$

Q14

$$26.7 - 17.378 = \boxed{}$$

Q15

$$0.8 \times 9.7 = \boxed{}$$

Q16

$$(0.3)^3 = 0.3 \times \boxed{} \times \boxed{}$$
$$= \boxed{}$$

Q17

Between which two integers does $\sqrt{80}$ lie?

- 10 and 11 12 and 13
 7 and 8 8 and 9

Q18

Is $\frac{0}{3}$ rational or irrational?

- Rational Irrational

Q19

Do the subtraction, giving your answer in its **simplest** form.

$$\frac{7}{24} - \frac{1}{6} = \frac{\boxed{}}{\boxed{}}$$

Q20

Do the subtraction, giving your answer in its **simplest** form.

$$\frac{32}{100} - \frac{1}{10} = \frac{\boxed{}}{\boxed{}}$$

Q21

Do the subtraction, giving your answer in **simplest** form.

$$2\frac{1}{5} - 1\frac{1}{2} = \frac{\boxed{}}{\boxed{}}$$

Q22

Do the subtraction, giving your answer in **simplest** form.

$$10\frac{3}{8} - 7\frac{1}{3} = \frac{\boxed{}}{\boxed{}}$$

Q23

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

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

Q24

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

$$3 \times \frac{2}{5} = \frac{\boxed{}}{\boxed{}}$$

Q25

Find the answer in **simplest** form.

$$6\frac{2}{3} \div 10 = \frac{\boxed{}}{\boxed{}}$$

Q26

Find the answer in **simplest** form.

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

Q27

$$76 - 32.9 = \boxed{}$$

Q28

$$35 - 22.184 = \boxed{}$$

Q29

Given that $615 \times 82 = 50\,430$

then $61.5 \times 0.82 =$

Q30

$1.97 \times 0.54 =$
