

Year 8 Class 6 questions

Q1

Add these fractions, giving your answer in its **simplest** form.

$$\frac{15}{17} + \frac{3}{34} = \frac{\square}{\square}$$

Q2

Add these fractions, giving your answer in its **simplest** form.

$$1\frac{1}{4} + 2\frac{1}{4} = \square\frac{\square}{\square}$$

Q3

$$\frac{5}{33} \div \frac{7}{22} =$$

$$\frac{7}{21} \quad \frac{35}{54} \quad \frac{10}{21} \quad \frac{181}{210}$$

Q4

$$15.621 \div 3 = \square$$

Q5

$$0.0255 \div 0.03 = \square$$

Q6

Add these fractions, giving your answer in its **simplest** form.

$$\frac{3}{5} + \frac{1}{2} = \square\frac{\square}{\square}$$

Q7

Add these fractions, giving your answer as a mixed number in its **simplest** form.

$$\frac{2}{3} + \frac{1}{2} = \square\frac{\square}{\square}$$

Q8

Add these fractions, giving your answer in its **simplest** form.

$$3\frac{1}{4} + 1\frac{3}{10} = \square\frac{\square}{\square}$$

Q9

Add these fractions, giving your answer in its **simplest** form.

$$5\frac{3}{4} + 1\frac{7}{10} = \square\frac{\square}{\square}$$

Q10

Complete the division.

$$\frac{2}{35} \div \frac{6}{7} = \frac{\square}{\square}$$

Q11

Complete the division.

$$\frac{27}{350} \div \frac{12}{77} = \frac{\square}{\square}$$

Q12

$$6.85 \div 2 = \square$$

Q13

$$16.56 \div 8 = \square$$

Q14

$$0.0098 \div 0.08 = \square$$

Q15

$$8.046 \div 0.9 = \square$$

Q16

Add these fractions, giving your answer as a mixed number in its **simplest** form.

$$\frac{9}{10} + \frac{7}{8} = \square \frac{\square}{\square}$$

Q17

Add these fractions, giving your answer as a mixed number in its **simplest** form.

$$\frac{3}{4} + \frac{1}{2} + \frac{3}{4} = \square$$

Q18

Add these fractions, giving your answer as a mixed number in its **simplest** form.

$$\frac{1}{2} + \frac{1}{3} + \frac{3}{4} = \square \frac{\square}{\square}$$

Q19

Add these fractions, giving your answer in its **simplest** form.

$$15\frac{2}{3} + 14\frac{3}{4} = \square \frac{\square}{\square}$$

Q20

Add these fractions, giving your answer in its **simplest** form.

$$19\frac{11}{15} + 7\frac{31}{45} = \square \frac{\square}{\square}$$

Q21

$$6\frac{2}{3} + \frac{5}{7} =$$

$$7\frac{1}{7}$$

$$6\frac{7}{10}$$

$$7\frac{2}{21}$$

$$7\frac{8}{21}$$

Q22

Find the answer in **simplest** form.

$$\frac{5}{8} \div \frac{3}{10} = \frac{\square}{\square}$$
$$= \square \frac{\square}{\square}$$

Q23

Find the answer in **simplest** form.

$$\frac{6}{7} \div \frac{4}{9} = \frac{\square}{\square}$$
$$= \square \frac{\square}{\square}$$

Q24

Find the answer in **simplest** form.

$$\frac{32}{75} \div \frac{56}{165} = \frac{\square}{\square}$$
$$= \square \frac{\square}{\square}$$

Q25

$$0.97 \div 4 = \square$$

Q26

$$17.9 \div 8 = \square$$

Q27

$$0.67 \div 8 = \square$$

Q28

$$0.051327 \div 0.009 = \square$$

Q29

$$3.41 \div 0.04 = \square$$

Q30

$4.78 \div 0.05 = \boxed{}$
