Year 7 Class 9 questions

Q1

Complete the equivalent fraction.

$\frac{360}{540} = \frac{2}{\square}$ $\frac{2}{3}$

Q2

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

$\frac{5}{16} - \frac{3}{16} = \frac{\square}{\square}$ $\frac{1}{8}$

Q3

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

$\frac{3}{4} - \frac{2}{8} = \frac{\square}{\square}$ $\frac{1}{2}$

Q4

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

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

Q5

$237.845 + 216.249 + 101.35 = \square$

555.444

Q6

Simplify the fraction fully.

$\frac{15}{21} = \frac{\square}{\square}$ $\frac{5}{7}$

Q7

Which fraction simplifies to $\frac{1}{2}$?

$\frac{3}{8}$ $\frac{6}{12}$ $\frac{5}{11}$ $\frac{16}{35}$ $\frac{6}{12}$

Q8

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

$\frac{12}{19} - \frac{8}{19} + \frac{1}{19} = \frac{\square}{\square}$ $\frac{5}{19}$

Q9

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

$\frac{10}{27} + \frac{8}{27} - \frac{5}{27} = \frac{\square}{\square}$ $\frac{13}{27}$

Q10

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

$\frac{5}{6} - \frac{7}{10} = \frac{\square}{\square}$ $\frac{2}{15}$

Q11

$\frac{5}{6} - \frac{1}{3} =$

$\frac{3}{4}$ $\frac{1}{2}$ $\frac{4}{18}$ $\frac{4}{9}$ $\frac{1}{2}$

Q12

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

$5\frac{4}{5} - 3\frac{7}{10} = \square\frac{\square}{\square}$ $2\frac{1}{10}$

Q13

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

$2\frac{1}{3} - 1\frac{1}{2} = \frac{\square}{\square}$ $\frac{5}{6}$

Q14

$228.8105 + 286 + 101.019 =$ [ ]

615.8295

Q15

$63.96 + 47.8 + 84.195 + 237 =$ [ ]

432.955

Q16

Simplify the fraction fully.

$\frac{420}{1080} = \frac{\square}{\square}$ $\frac{7}{18}$

Q17

Which fraction simplifies to $\frac{2}{25}$?

$\frac{5}{28}$ $\frac{6}{70}$ $\frac{8}{95}$ $\frac{8}{100}$ $\frac{8}{100}$

Q18

Which fraction simplifies to $\frac{1}{5}$?

$\frac{18}{78}$ $\frac{3}{20}$ $\frac{15}{75}$ $\frac{10}{55}$ $\frac{15}{75}$

Q19

Complete the subtraction.

$\frac{\square^{8}}{15} - \frac{5}{15} = \frac{3}{15}$

$= \frac{\square}{\square}$ $\frac{1}{5}$

(simple fraction)

Q20

Complete the subtraction.

$\frac{\square^{17}}{24} - \frac{9}{24} = \frac{8}{24}$

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

(simple fraction)

Q21

Complete the subtraction.

$\frac{\square^{20}}{21} - \frac{13}{21} = \frac{7}{21}$

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

(simple fraction)

Q22

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

$\frac{7}{8} - \frac{2}{3} = \frac{\square}{\square}$ $\frac{5}{24}$

Q23

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

$\frac{11}{24} - \frac{3}{8} = \frac{\square}{\square}$ $\frac{1}{12}$

Q24

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

$\frac{7}{24} - \frac{1}{6} = \frac{\square}{\square}$ $\frac{1}{8}$

Q25

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

$3\frac{5}{6} - 2\frac{1}{2} = \square\frac{\square}{\square}$ $1\frac{1}{3}$

Q26

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

$3\frac{3}{4} - 2\frac{5}{6} = \frac{\square}{\square}$ $\frac{11}{12}$

Q27

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

$9\frac{1}{3} - 4\frac{1}{5} = \square\frac{\square}{\square}$ $5\frac{2}{15}$

Q28

$3.5 + 4.2 + \square = 9.5$ 1.8

1.4 1.8 2.3 3.4

Q29

$5.5 + \square + 9.4 = 21$ 6.1

5.4 6.1 6.5 7.0

Q30

$3.23 + 0.2 + \square = 5.08$ 1.65

1.35 1.85 1.65 2.05