Year 5 Class 11 questions

Q1

Change to an improper fraction.

$5\frac{2}{3} \rightarrow \frac{\square}{\square}$ $\frac{17}{3}$

Q2

Change to a mixed number.

$\frac{7}{3} \rightarrow \square\frac{\square}{\square}$ $2\frac{1}{3}$

Q3

Complete: $\frac{2}{3} = \frac{8}{\square}$ $\frac{8}{12}$

Q4

Change to an improper fraction.

$5\frac{1}{6} \rightarrow \frac{\square}{\square}$ $\frac{31}{6}$

Q5

Change to an improper fraction.

$4\frac{1}{8} \rightarrow \frac{\square}{\square}$ $\frac{33}{8}$

Q6

Change to a mixed number.

$\frac{57}{10} \rightarrow \square\frac{\square}{\square}$ $5\frac{7}{10}$

Q7

Change to a mixed number.

$\frac{17}{8} \rightarrow \square\frac{\square}{\square}$ $2\frac{1}{8}$

Q8

Complete: $\frac{4}{9} = \frac{\square}{45}$ $\frac{20}{45}$

Q9

Complete: $\frac{3}{20} = \frac{15}{\square}$ $\frac{15}{100}$

Q10

Change to an improper fraction.

$7\frac{2}{7} \rightarrow \frac{\square}{\square}$ $\frac{51}{7}$

Q11

Change to an improper fraction.

$4\frac{6}{7} \rightarrow \frac{\square}{\square}$ $\frac{34}{7}$

Q12

Change to an improper fraction.

$6\frac{5}{9} \rightarrow \frac{\square}{\square}$ $\frac{59}{9}$

Q13

Change to a mixed number.

$\frac{15}{7} \rightarrow \square\frac{\square}{\square}$ $2\frac{1}{7}$

Q14

Change to a mixed number.

$\frac{31}{7}$ → $\square\frac{\square}{\square}$ $4\frac{3}{7}$

Q15

Change to a mixed number.

$\frac{41}{9}$ → $\square\frac{\square}{\square}$ $4\frac{5}{9}$

Q16

Select the TWO correct statements.

→ ☐ $\frac{1}{2} = \frac{3}{6}$ → ☐ $\frac{1}{2} = \frac{5}{10}$ ☐ $\frac{1}{2} = \frac{7}{16}$

Q17

Select the TWO correct statements.

→ ☐ $\frac{2}{3} = \frac{16}{24}$ → ☐ $\frac{2}{3} = \frac{24}{36}$ ☐ $\frac{2}{3} = \frac{10}{18}$

Q18

Select the TWO correct statements.

→ ☐ $\frac{3}{4} = \frac{27}{36}$ ☐ $\frac{3}{4} = \frac{9}{16}$ → ☐ $\frac{3}{4} = \frac{15}{20}$

Q19

Change to an improper fraction.

$4\frac{11}{12}$ → $\frac{\square}{\square}$ $\frac{59}{12}$

Q20

Which fraction is equivalent to $4\frac{2}{5}$?

$\frac{17}{5}$ $\frac{8}{3}$ → $\frac{22}{5}$ $\frac{7}{5}$

Q21

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

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

Q22

Which fraction is equivalent to $12\frac{3}{8}$?

$\frac{95}{12}$ $\frac{95}{8}$ → $\frac{99}{8}$ $\frac{103}{8}$

Q23

Change to a mixed number.

$\frac{31}{12}$ → $\square\frac{\square}{\square}$ $2\frac{7}{12}$

Q24

Change to a mixed number.

$\frac{59}{12}$ → $\square\frac{\square}{\square}$ $4\frac{11}{12}$

Q25

Change to a mixed number.

$\frac{38}{15}$ → $\square\frac{\square}{\square}$ $2\frac{8}{15}$

Q26

Change to a mixed number.

$\frac{71}{15}$ → $\square\frac{\square}{\square}$ $4\frac{11}{15}$

Q27

Select the TWO correct statements.

→ ☐ $\frac{7}{10} = \frac{21}{30}$ ☐ $\frac{7}{10} = \frac{56}{70}$ → ☐ $\frac{7}{10} = \frac{84}{120}$

Q28

Which TWO fractions are equivalent to $\frac{1}{3}$?

- [x] $\frac{5}{15}$
- [ ] $\frac{8}{32}$
- [ ] $\frac{6}{20}$
- [x] $\frac{9}{27}$

Q29

Which TWO fractions are equivalent to $\frac{2}{5}$?

- [x] $\frac{18}{45}$
- [ ] $\frac{4}{25}$
- [ ] $\frac{20}{55}$
- [x] $\frac{20}{50}$

Q30

Which TWO fractions are equivalent to $\frac{3}{8}$?

- [x] $\frac{18}{48}$
- [ ] $\frac{9}{64}$
- [ ] $\frac{13}{18}$
- [x] $\frac{27}{72}$