

Year 6 Class 15 questions

Q1

Write the percentage as a fraction.

$$13\% = \frac{\square}{\square} \quad \frac{13}{100}$$

Q2

Change the percentage to a decimal.

$$70\% = \square$$

0.7

Q3

Describe the pattern : 63, 68, 73, 78, 83

The pattern is by
increasing decreasing

Q4

Write the percentage as a **simple** fraction.

$$6\% = \frac{\square}{\square} \quad \frac{3}{50}$$

Q5

Write the percentage as a **simple** fraction.

$$18\% = \frac{\square}{\square} \quad \frac{9}{50}$$

Q6

Change the percentage to a decimal.

$$3\% = \square$$

0.03

Q7

Change the percentage to a decimal.

$$5\% = \square$$

0.05

Q8

Describe the pattern : 92, 102, 112, 122, 132

The pattern is by
increasing decreasing

Q9

Describe the pattern : 45, 56, 67, 78, 89

The pattern is by
increasing decreasing

Q10

Write the percentage as a **simple** fraction.

$$55\% = \frac{\square}{\square} \quad \frac{11}{20}$$

Q11

Write the percentage as a **simple** fraction.

$$65\% = \frac{\square}{\square} \quad \frac{13}{20}$$

Q12

Write the percentage as a **simple** fraction.

$$95\% = \frac{\square}{\square} \quad \frac{19}{20}$$

Q13

Change the percentage to a decimal.

$$22.5\% = \boxed{}$$

0.225

Q14

Change the percentage to a decimal.

$$6.2\% = \boxed{}$$

0.062

Q15

Change the percentage to a decimal.

$$9.4\% = \boxed{}$$

0.094

Q16

Describe the pattern : 36, 56, 76, 96, 116

The pattern is $\boxed{}$ by $\boxed{}$
increasing decreasing

Q17

Describe the pattern : 66, 86, 106, 126, 146

The pattern is $\boxed{}$ by $\boxed{}$
increasing decreasing

Q18

Describe the pattern : 34, 64, 94, 124, 154

The pattern is $\boxed{}$ by $\boxed{}$
increasing decreasing

Q19

Write the percentage as a **simple** fraction.

$$16\% = \frac{\boxed{}}{\boxed{}} \quad \frac{4}{25}$$

Q20

Write the percentage as a **simple** fraction.

$$28\% = \frac{\boxed{}}{\boxed{}} \quad \frac{7}{25}$$

Q21

Write the percentage as a **simple** fraction.

$$84\% = \frac{\boxed{}}{\boxed{}} \quad \frac{21}{25}$$

Q22

Write the percentage as a **simple** fraction.

$$96\% = \frac{\boxed{}}{\boxed{}} \quad \frac{24}{25}$$

Q23

Change the percentage to a decimal.

$$4\frac{1}{2}\% = \boxed{}$$

0.045

Q24

Change the percentage to a decimal.

$$46\frac{1}{4}\% = \boxed{}$$

0.4625

Q25

Change the percentage to a decimal.

$$2\frac{3}{4}\% = \boxed{}$$

0.0275

Q26

Change the percentage to a decimal.

$$8\frac{3}{4}\% = \boxed{}$$

0.0875

Q27

Describe the pattern : 123, 233, 343, 453, 563

The pattern is by

increasing 110

increasing decreasing

Q28

Describe the pattern : 521, 755, 989, 1223, 1457

The pattern is by

increasing 234

increasing decreasing

Q29

Which pattern is increasing by 32?

- 13, 45, 75, 103
- 184, 152, 120, 88
- 26, 58, 90, 122
- 31, 63, 93, 121

Q30

Which pattern is increasing by 29?

- 21, 50, 79, 108
- 72, 100, 128, 156
- 110, 81, 52, 23
- 42, 71, 99, 126