Year 7 Class 10 questions

Q1

Arrange in ascending order.

1.76 ³¹   0.31 ⁵   0.66   0.79

Q2

$9.2 \div 8 =$ _____   1.15

Q3

$0.236 \div 0.08 =$ _____   2.95

Q4

$$\frac{32}{40} = \frac{\boxed{}}{10} \quad \frac{8}{10}$$

$$= \boxed{} \quad 0.8$$

Q5

As a decimal, $\frac{1}{12} =$

◯ 0.083   ◯ 1.1$\dot{2}$

◯ 0.12   ➡◯ 0.08$\dot{3}$

Q6

Arrange in ascending order.

0.6 ²   0.342 ²   0.12   0.41

Q7

Arrange in ascending order.

3.74 ¹¹   3.511 ⁴   4.6   ⁵ 4.105

Q8

$20.48 \div 5 =$ _____   4.096

Q9

$16.56 \div 8 =$ _____   2.07

Q10

$0.17395 \div 0.07 =$ _____   2.485

Q11

$8.046 \div 0.9 =$ _____   8.94

Q12

Write as a decimal.

$2\frac{7}{8} =$ _____   2.875

Q13

$\frac{7}{20} =$ _____   0.35

Q14

As a decimal, $\frac{19}{6}$ =

- ○ 3.6
- ○ 3.16
- ⟹ ○ 3.1$\dot{6}$
- ○ 19.$\dot{6}$

Q15

As a decimal, $\frac{4}{7}$ =

- ⟹ ○ 0.$\dot{5}$71428$\dot{}$
- ○ 0.571428
- ○ 4.$\dot{7}$
- ○ 0.47

Q16

Arrange in ascending order.

0.5 0.12 $\frac{7}{10}$ 0 0.12 $\frac{7}{10}$ 0.58

Q17

Arrange in ascending order.

0.604 0.1 0 0.1 3 0.377 60 $\frac{3}{7}$

Q18

Arrange in ascending order.

1.905 1.607 1.8 1.607 1.9 $1\frac{3}{4}$

Q19

$0.97 \div 4 =$ ⬚ 0.2425

Q20

$29.5 \div 4 =$ ⬚ 7.375

Q21

$17.9 \div 8 =$ ⬚ 2.2375

Q22

$0.03054 \div 0.006 =$ ⬚ 5.09

Q23

$0.051327 \div 0.009 =$ ⬚ 5.703

Q24

$3.41 \div 0.04 =$ ⬚ 85.25

Q25

$7\frac{8}{25} = 7\frac{\boxed{}}{100}$ $7\frac{32}{100}$

$= \boxed{}$ 7.32

Q26

$9\frac{27}{50} = 9\frac{\boxed{}}{100}$ $9\frac{54}{100}$

$= \boxed{}$ 9.54

Q27

$8\frac{63}{70} = 8\frac{\boxed{}}{10}$ $8\frac{9}{10}$

$\phantom{8\frac{63}{70}} = \boxed{}$ 8.9

Q28

As a decimal, $\frac{20}{11} =$

○ 1.81 ○ $1.2\dot{0}$

○ $1.1\dot{1}$ ➡○ $1.\dot{8}\dot{1}$

Q29

As a decimal, $\frac{41}{3} =$

○ $13.4\dot{1}$ ➡○ $13.\dot{6}$

○ 13.6 ○ 13.3

Q30

As a decimal, $\frac{71}{9} =$

○ 71.9 ➡○ $7.\dot{8}$

○ 7.8 ○ $7.7\dot{1}$