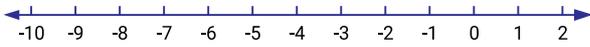


Year 8 Class 2

Q1

Use the number line to help answer.

$$-9 + 8 = \boxed{} \quad \boxed{-1}$$



Q2

$$(-35) \div (-4 + -1) = \boxed{} \quad \boxed{7}$$

Q3

Round off 286.9512 to 2 decimal places.

$$286.9512 = \boxed{} \text{ (2 d.p.)} \quad \boxed{286.95}$$

Q4

$$42 \div -4 \times 15 = \boxed{} \\ \text{-157.5}$$

Q5

$$\frac{28 + 7 \times 8}{8.4 + 0.8 \times 7} = \boxed{} \\ \text{6}$$

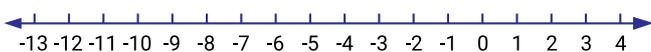
Q6

$$(3 - 6 \times 5)^2 = \boxed{} \\ \text{729}$$

Q7

Use the number line to help answer.

$$-13 + 17 = \boxed{} \quad \boxed{4}$$



Q8

Use the number line to help answer.

$$-17 + 17 = \boxed{} \quad \boxed{0}$$



Q9

$$-2 + 64 \div -2 \div -4 = \boxed{} \quad \boxed{6}$$

Q10

$$-6 - (-4) \div (-4) \times 5 = \boxed{} \quad \boxed{-11}$$

Q11

Round off 64.1537 to 3 decimal places.

$$64.1537 = \boxed{} \text{ (3 d.p.)} \quad \boxed{64.154}$$

Q12

Round off 30.6765 to 3 decimal places.

$$30.6765 = \boxed{} \text{ (3 d.p.)} \quad \boxed{30.677}$$

Q13

$$-27 + 15 \times 4 \div 6 = \boxed{} \\ \text{-17}$$

Q14

$$-130 + 21 \times 5 \div -3 = \boxed{} \\ \text{-165}$$

Q15

$$\frac{897 \div 39 \times 2}{299 \div 13} = \boxed{} \\ \text{2}$$

Q16

$$\frac{4 \times (26.54 + 13.46)}{50 - 2 \times 6 + 2} = \boxed{4}$$

Q17

$$\sqrt[3]{39.304} = \boxed{3.4}$$

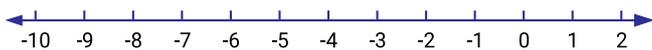
Q18

$$\sqrt{630.01} = \boxed{25.1}$$

Q19

Use the number line to help answer.

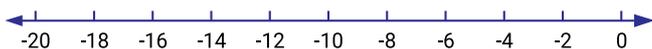
$$-3 - 7 = \boxed{-10}$$



Q20

Use the number line to help answer.

$$-13 - 7 = \boxed{-20}$$



Q21

Fill in the missing number that makes this number sentence correct.

$$5 + (\boxed{2} \times -3) = -1 \quad \boxed{5 + (2 \times -3) = -1}$$

Q22

Fill in the missing number that makes this number sentence correct.

$$-5 - \boxed{-1} \times 3 = -2 \quad \boxed{-5 - (-1 \times 3) = -2}$$

Q23

Round off 330.788 to the nearest tenth.

$$330.788 = \boxed{330.8} \text{ (nearest tenth)}$$

Q24

Round off 88.1126 to the nearest hundredth.

$$88.1126 = \boxed{88.11} \text{ (nearest hundredth)}$$

Q25

$$-1.76 \div (12.9 - 9.7) = \boxed{-0.55}$$

Q26

$$-12 \times (16 \div -8 - 4) + -3 = \boxed{69}$$

Q27

$$\frac{216 + 31 \div 4}{31.5 \times (16.3 - 8.5)} = \boxed{0.9} \text{ (1 d.p.)}$$

Q28

$$\frac{12.6 - 13.3 \times 1.4}{15.7 - 26.8} = \boxed{0.5} \text{ (1 d.p.)}$$

Q29

$$\sqrt{29^2 - 21^2} = \boxed{20}$$

Q30

$$\frac{3^2 + 6^2}{5 \times \sqrt{9}} = \boxed{3}$$