Year 8 Class 2

Q1   Use the number line to help answer.

$-9+8 = \boxed{}$

-10   -9   -8   -7   -6   -5   -4   -3   -2   -1   0   1   2
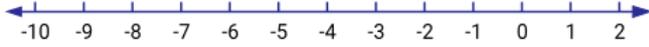
Q2 $(-35) \div (-4 + -1) = \boxed{}$

Q3   Round off 286.9512 to 2 decimal places.

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

Q4 $42 \div -4 \times 15 = \boxed{}$

Q5 $\dfrac{28+7\times8}{8.4+0.8\times7} = \boxed{}$

Q6 $(3-6\times5)^2 = \boxed{}$

Q7   Use the number line to help answer.

$-13+17 = \boxed{}$

-13 -12 -11 -10 -9   -8   -7   -6   -5   -4   -3   -2   -1   0   1   2   3   4

Q8   Use the number line to help answer.

$-17+17 = \boxed{}$

-17 -16 -15 -14 -13 -12 -11 -10 -9   -8   -7   -6   -5   -4   -3   -2   -1   0
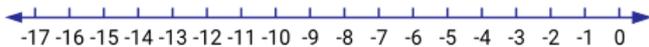
Q9 $-2+64 \div -2 \div -4 = \boxed{}$

Q10 $-6-(-4) \div (-4) \times 5 = \boxed{}$

Q11   Round off 64.1537 to 3 decimal places.

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

Q12   Round off 30.6765 to 3 decimal places.

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

Q13 $-27 + 15 \times 4 \div 6 = \boxed{}$

Q14 $-130 + 21 \times 5 \div -3 = \boxed{}$

Q15 $\dfrac{897 \div 39 \times 2}{299 \div 13} = \boxed{}$

Q16 $\dfrac{4 \times (26.54 + 13.46)}{50 - 2 \times 6 + 2} = \boxed{}$

Q17 $\sqrt[3]{39.304} = \boxed{}$

Q18 $\sqrt{630.01} = \boxed{}$

Q19   Use the number line to help answer.

$-3 - 7 = \boxed{}$
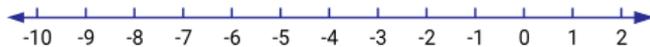
Q20   Use the number line to help answer.

$-13 - 7 = \boxed{}$
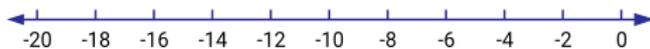
Q21   Fill in the missing number that makes this number sentence correct.

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

Q22   Fill in the missing number that makes this number sentence correct.

$-5 - \boxed{} \times 3 = -2$

Q23 Round off 330.788 to the nearest tenth.

330.788 = ☐
(nearest tenth)

Q24 Round off 88.1126 to the nearest hundredth.

88.1126 = ☐
(nearest hundredth)

Q25 $-1.76 \div (12.9 - 9.7) =$ ☐

Q26 $-12 \times (16 \div -8 - 4) + -3 =$ ☐

Q27 $\dfrac{216 + 31 \div 4}{31.5 \times (16.3 - 8.5)} =$ ☐ (1 d.p.)

Q28 $\dfrac{12.6 - 13.3 \times 1.4}{15.7 - 26.8} =$ ☐ (1 d.p.)

Q29 $\sqrt{29^2 - 21^2} =$ ☐

Q30 $\dfrac{3^2 + 6^2}{5 \times \sqrt{9}} =$ ☐