

ES10 - N5 Applications of Maths (Numeracy) Reading Scales

Worked Solutions Courtesy of Mr R. Milton

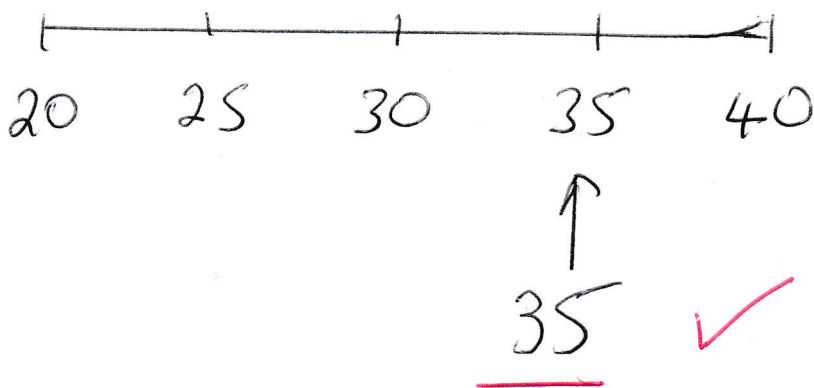
$$\textcircled{1} \quad 40 - 20$$

$$= \underline{20}$$

20

4 ← 4 SPACES

$$= \underline{5}$$



$$\textcircled{2} \quad 90 - 70$$

$$= \underline{20}$$

20

5 ← SPACES = 4



$$\textcircled{3} \quad \frac{300 - 100}{8} \leftarrow \text{SPACES}$$

$$= \frac{200}{8} = 25$$

$$\begin{aligned} 3 \text{ SPACES IN} &= 100 + (3 \times 25) \\ &= \underline{175} \checkmark \end{aligned}$$

$$\textcircled{4} \quad \frac{6 - 5}{5} = \frac{1}{5} = 0.2$$

$$5 - 0.2 = \underline{4.8} \checkmark$$

$$\textcircled{5} \quad \frac{70 - 50}{4} = \frac{20}{4} = 5$$

$$50 + (2 \times 5) = \underline{60} \checkmark$$

$$\textcircled{6} \quad \frac{5 - 4}{2} = \frac{1}{2} = 0.5$$

$$4 + 0.5 = \underline{4.5} \checkmark$$

$$\textcircled{7} \quad \frac{90-30}{15} = \frac{60}{15} = 4$$

$$30 + (4 \times 11) = 30 + 44 = \underline{74}$$

$$\textcircled{8} \quad \frac{14-13}{10} = \frac{1}{10} = 0.1$$

$$13 + (3 \times 0.1) = 13 + 0.3 = \underline{13.3}$$

$$\textcircled{9} \quad \frac{50-10}{4} = \frac{40}{4} = 10$$

$$50 + (10 \times 3) = 50 + 30 = \underline{80}$$

$$\textcircled{10} \quad \frac{9-8}{5} = \frac{1}{5} = 0.2$$

$$11 + (3 \times 0.2) = 11 + 0.6 = \underline{11.6}$$

AQ

$$\frac{2-1}{10} = \underline{0.1}$$

POINTER IS AT $2 + (7 \times 0.1)$

$$= 2 + 0.7$$

$$= \underline{2.7}$$

$$2.7 - 1.5$$

$$= \underline{1.2}$$

JOHN SHOULD DRAIN 1.2 BAR

TO MAKE HIS BOILER SAFE

