

$$\textcircled{5} \quad \frac{6 + 8 + \overset{\textcircled{11}}{(x+2)} + 10 + \overset{\textcircled{17}}{(2x-1)} + 2}{6} = 9$$

$$26 + x + 2 + 2x + 1 = 54$$

$$27 + 3x = 54$$

$$3x = 27$$

$$x = 9$$

9, 11, 17

$$\textcircled{6} \textcircled{a} \quad \text{Mean} = \frac{12 \times 5 + 3 \times 10 + 15 \times 2 + 14 \times 6 + 8 \times y}{20}$$

$$= \frac{236}{20}$$

$$= 11.8$$

$$\textcircled{b} \quad M = \frac{25 \times 8 + 30 \times 12 + 15 \times 10 + 20 \times 6 + 24 \times 4}{40}$$

$$= \frac{200 + 360 + 150 + 120 + 96}{40}$$

$$= \frac{560 + 270 + 96}{40}$$

$$= 23.15$$

$$\begin{array}{r} 40 \overline{) 926.15} \\ 80 \\ \underline{126} \\ 120 \\ \underline{260} \\ 240 \\ \underline{200} \\ 200 \\ \underline{200} \\ 60 \\ 60 \\ \underline{0} \end{array}$$

$\textcircled{7}$

\textcircled{a} 8

\textcircled{b} 17

\textcircled{c} 3

\textcircled{d} NA (No mode)

$$\textcircled{8} \quad 17, 11, 24, x+7, 35, 36, 46$$

$$x+7 = 25$$

$$x = 18$$

$\textcircled{9}$

$\textcircled{10} \textcircled{a}$ Most Common colour