

6. d)

$$1 \frac{1}{4} \text{ turns}$$

$$= 1 + \frac{1}{4} \text{ turns}$$

$$= 360^\circ + 90^\circ = 450^\circ$$

e) $5 \frac{3}{4}$ turns

$$= 5 + \frac{3}{4} \text{ turns.}$$

↓

I know 1 turn = 360° . so 5 turns =

$$\begin{array}{r} 360 \\ \times \quad 5 \\ \hline 1800 \end{array}$$

$$\text{So } 1800^\circ + 270^\circ = 2070^\circ$$

7. If a full turn = 360° , I can work out $\frac{1}{3}$ by dividing by 3.

$$360^\circ \div 3 = 120^\circ. \quad \frac{1}{3} \text{ turn} = 120^\circ$$

$$\text{so } \frac{2}{3} \text{ turn} = 240^\circ \dots$$

$$2 \frac{1}{3} \text{ turns} = 2 + \frac{1}{3} \text{ turns}$$

$$= 360$$

$$\times \quad 2$$

$$\hline 720^\circ + 120^\circ = 840^\circ$$

8. In one hour, the minute hand does one full turn around the clock.

$$1 \text{ turn} = 360^\circ.$$