Find $\dfrac{2}{5} \times \dfrac{-3}{7} - \dfrac{1}{14} - \dfrac{3}{7} \times \dfrac{3}{5}$

1. $\dfrac{x}{2} - \dfrac{1}{5} = \dfrac{x}{3} + \dfrac{1}{4}$

2. Find the product.
  (i) $(5 - 2x)(3 + x)$
  (iii) $(a^2 + b)(a + b^2)$

6. Evaluate (i) $\left\{ \left(\dfrac{1}{3} \right)^{-1} - \left(\dfrac{1}{4} \right)^{-1} \right\}^{-1}$ (

7. Simplify

6. A contractor estimates that 3 persons could rewire Jasminder's house in 4 days. If, he uses 4 persons instead of three, how long should they take to complete the job?
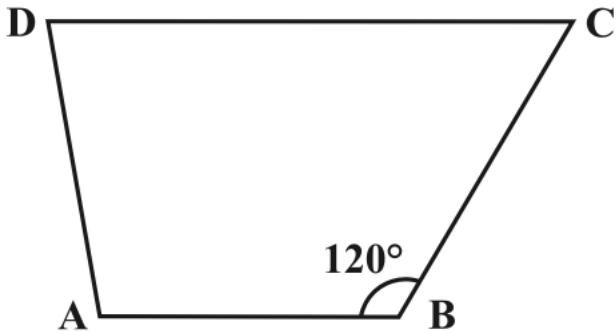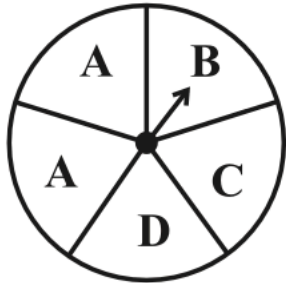
Fig 3.27

Find $m\angle C$ in Fig 3.27 if $\overline{AB} \parallel \overline{DC}$.

1. List the outcomes you can see in these experiments.

(a) Spinning a wheel

(b) Tossing two coins together