4. Find the value of:

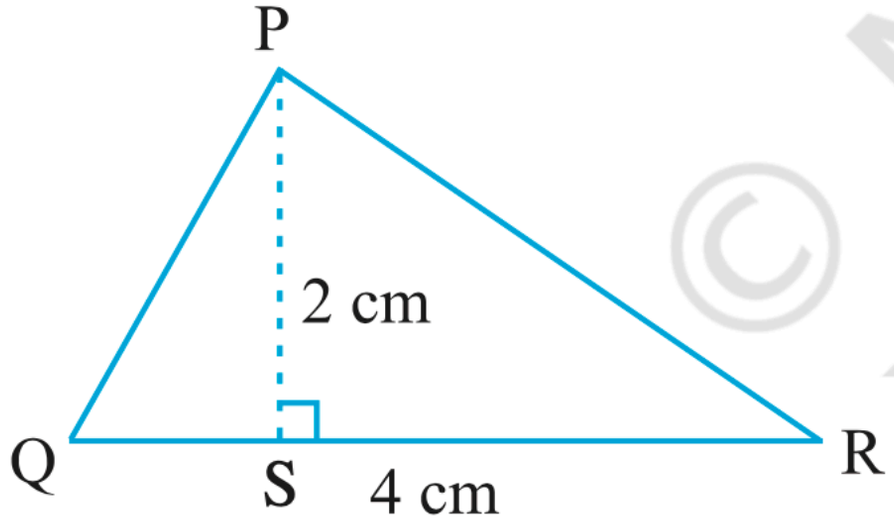
(i) $(-4) \div \frac{2}{3}$

(iv) $\frac{-1}{8} \div \frac{3}{4}$

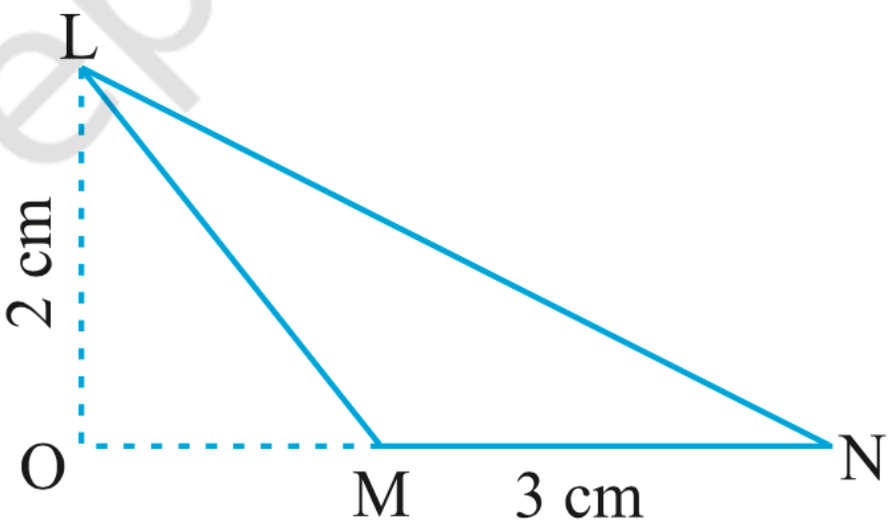
(vii) $\frac{3}{13} \div \left(\frac{-4}{65}\right)$

EXAMPLE 6 Satpal walks $\frac{2}{3}$ km from a place P, towards east and then from there $1\frac{5}{7}$ km towards west. Where will he be now from P?

EXAMPLE 4 Find the area of the following triangles (Fig 9.11).



(i)



(ii)

Fig 9.11

SOLUTION

EXAMPLE 10 Find the perimeter of the given shape (Fig 9.23) (Take $\pi = \frac{22}{7}$).

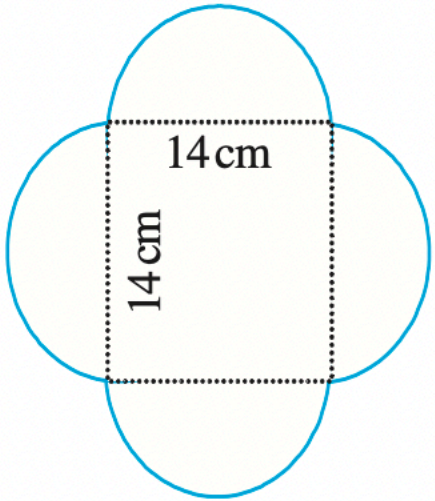


Fig 9.23

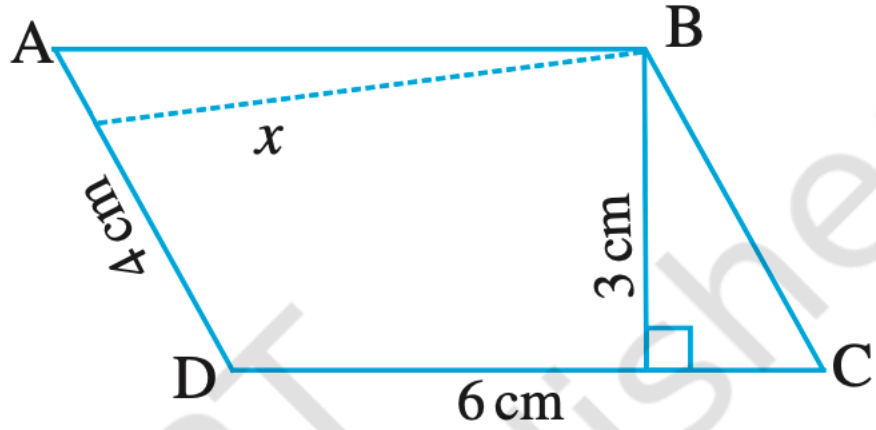


Fig 9.10

17. The minute hand of a circular clock is 15 cm long. How far does the tip of the minute hand move in 1 hour. (Take $\pi = 3.14$)

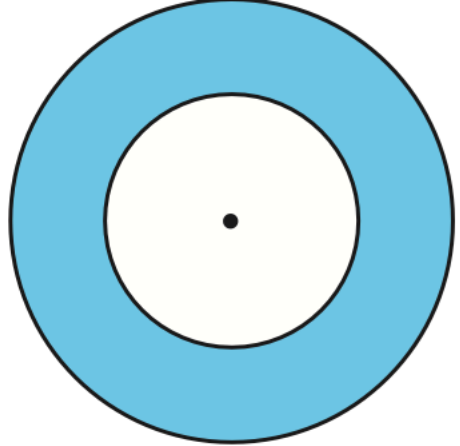
9. Find the amount to be paid at the end of 3 years in each case:

(a) Principal = ₹ 1,200 at 12% p.a. (b) Principal = ₹ 7,500 at 5% p.a.

10. What rate gives ₹ 280 as interest on a sum of ₹ 56,000 in 2 years?

7 7

EXAMPLE 14 The adjoining figure shows two circles with the same centre. The radius of the larger circle is 10 cm and the radius of the smaller circle is 4 cm.



Find: (a) the area of the larger circle

(b) the area of the smaller circle

(c) the shaded area between the two circles. ($\pi = 3.14$)

EXAMPLE 3 The two sides of the parallelogram ABCD are 6 cm and 4 cm. The height corresponding to the base CD is 3 cm (Fig 9.10). Find the

(i) area of the parallelogram.

(ii) the height corresponding to the base AD.