

39. While dividing a fraction by another fraction, we _____ the first fraction by the _____ of the other fraction.

40. $8.4 \div \underline{\hspace{2cm}} = 2.1$

124. A student multiplied two mixed fractions in the following manner:

$$2\frac{4}{7} \times 3\frac{1}{4} = 6\frac{1}{7} . \text{ What error the student has done?}$$

- 115.** In $\triangle PQR$ of Fig. 6.32, $PQ = PR$. Find the measures of $\angle Q$ and $\angle R$.

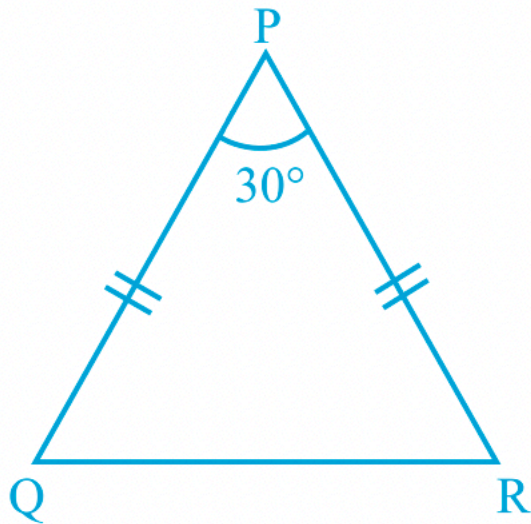


Fig. 6.32

116. In Fig. 6.33, find the measures of $\angle x$ and $\angle y$.

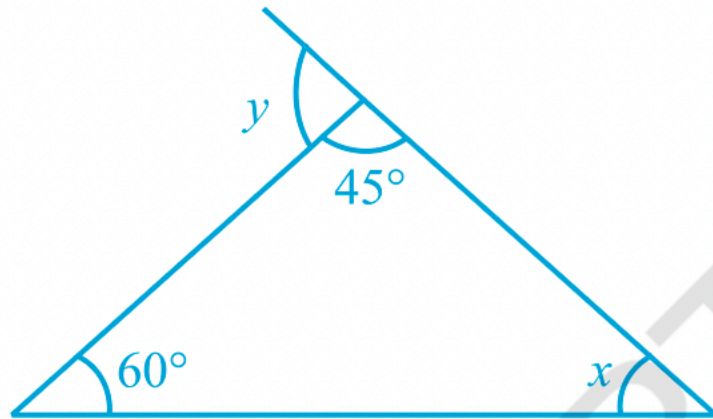


Fig. 6.33

79. A vendor purchased 720 lemons at ₹ 120 per hundred. 10% of the lemons were found rotten which he sold at ₹ 50 per hundred. If he sells the remaining lemons at ₹ 125 per hundred, then his profit will be 16%.

state whether the statements are True or False.

124. Nancy obtained 426 marks out of 600 and the marks obtained by Rohit are 560 out of 800. Whose performance is better?

132. ₹ 9000 becomes ₹ 18000 at simple interest in 8 years. Find the rate per cent per annum.

84. Rohan's mother gave him ₹ $3xy^2$ and his father gave him ₹ $5(xy^2+2)$.

Out of this total money he spent ₹ $(10-3xy^2)$ on his birthday party.

How much money is left with him?