7. What is the value of x in the equation

$$\frac{2(x+1)}{3} - 4 = 6?$$

A. 14
B. 10
C. 8
D. 4

8. The area of a square is 3 844 cm^2. What is the length of each side of the square?

A. 1 922 cm
B. 961 cm
C. 67 cm
D. 62 cm

9. Which is the correct order of writing the fractions $\frac{2}{5}, \frac{4}{15}, \frac{1}{6}, \frac{1}{2}, \frac{2}{3}$ starting from the smallest to the largest?

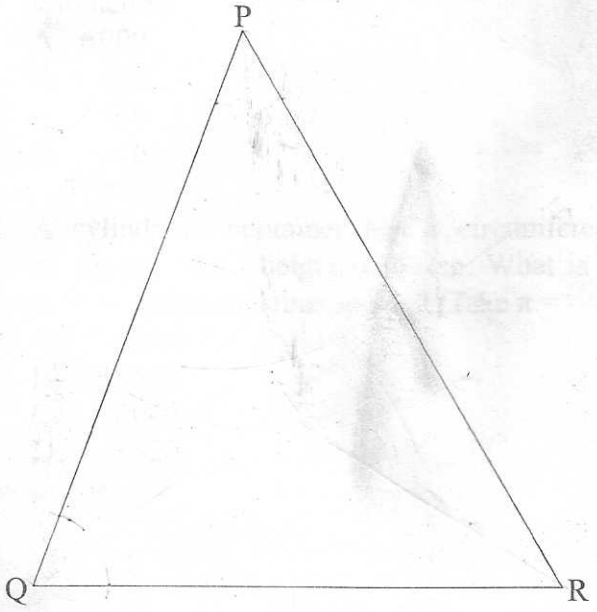
A. $\frac{4}{15}, \frac{2}{5}, \frac{2}{3}, \frac{1}{6}, \frac{1}{2}$

B. $\frac{2}{3}, \frac{1}{2}, \frac{2}{5}, \frac{4}{15}, \frac{1}{6}$

C. $\frac{1}{2}, \frac{2}{3}, \frac{2}{5}, \frac{1}{6}, \frac{4}{15}$

D. $\frac{1}{6}, \frac{4}{15}, \frac{2}{5}, \frac{1}{2}, \frac{2}{3}$

10. In the triangle PQR below, construct the bisector of angle PQR to cut line PR at M and the bisector of angle QPR to cut line QR at N. The two bisectors intersect at point X. Join RX.



What is the size of angle RXM?

A. 58°
B. 60°
C. 65°
D. 117°

Working Space