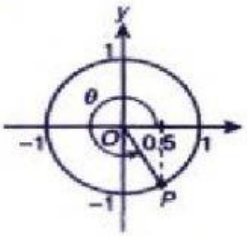
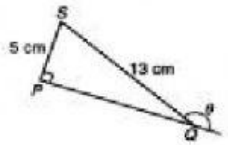
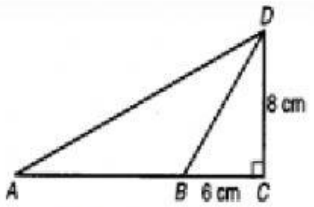
Bahagian A

1	Cari nilai bagi tan 315°. *Find the value of tan 315°.* A. -1.0 B. -0.5 C. 0.5 D. 1.0	2	Jika sin 30° = kos 60° = 0.5, cari nilai bagi 3 sin 210° - 2 kos 300°. *If sin 30° = cos 60° = 0.5, find the value of 3 sin 210° - 2 cos 300°.* A. -2.5 B. -1.5 C. 1.5 D. 2.5
3	Dalam rajah, titik P terletak pada lilitan bulatan unit dalam satah Cartesan. Cari nilai bagi kos θ. *In the diagram, point P is on the circumference of a unit circle in the Cartesian plane. Find the value of cos θ.*  A. -0.5 B. -1.0 C. 0.5 D. 1.0	4	Jika kos 6 = -0.866 dan sin θ ialah positif, cari nilai θ. *If cos 6 = -0.866 and sin θ is positive, find the value of θ.* A. 30° B. 150° C. 210° D. 330°
5	Jika $\tan\theta = -1.000$ dan $90° \leq \theta \leq 270°$, nyatakan nilai θ. *If* $\tan\theta = -1.000$ *and* $90° \leq \theta \leq 270°$, *state the value of* θ. A. 135° B. 225° C. 245° D. 270°	6	 Dalam rajah di atas, *PQS* ialah garis lurus. Nyatakan nilai bagi tan θ. *In the diagram above, PQS is a straight line. State the value of* $\tan\theta$. A. $-\frac{5}{13}$ B. $-\frac{5}{12}$ C. $\frac{5}{12}$ D. $\frac{12}{13}$

7



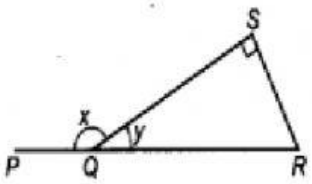
Dalam rajah di atas, ABC ialah garis lurus. Cari nilai bagi sin $\angle ABD$.

In the diagram above, ABC is a straight line. Find the value of sin $\angle ABD$.

A. $-\frac{2}{5}$ B. $-\frac{4}{5}$

C. $\frac{3}{5}$ D. $\frac{4}{5}$

8



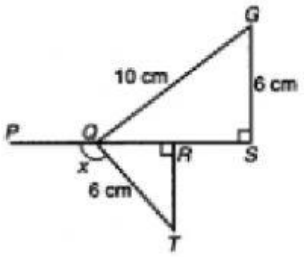
Dalam rajah di atas, PQR ialah garis lurus. Diberi $\tan y = \frac{8}{15}$. Cari nilai *kos* x.

In the diagram above, PQR is a straight line. It is given that $\tan y = \frac{8}{15}$. *Find the value of* $\cos x$.

A. $-\frac{8}{15}$ B. $-\frac{15}{17}$

C. $\frac{8}{17}$ D. $\frac{15}{17}$

9



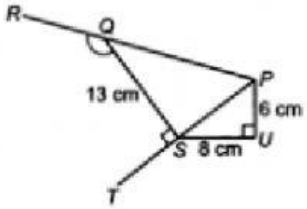
Dalam rajah di atas, PQRS ialah garisan lurus. Diberi QR = RS, cari nilai bagi kos x.

In the diagram above, PQRS is a straight line. Given QR = RS, find the value of cos x.

A. $-\frac{2}{3}$ B. $-\frac{4}{5}$

C. $-\frac{3}{5}$ D. $-\frac{3}{4}$

10



Rajah menunjukkan dua garis lurus PQR dan PST. Cari nilai bagi $\angle RQS$.

The diagram shows two straight lines, PQR and PST. Find the value of $\angle RQS$.

A. 127°34′ B. 142°25′

C. 121°22′ D. 142°26′