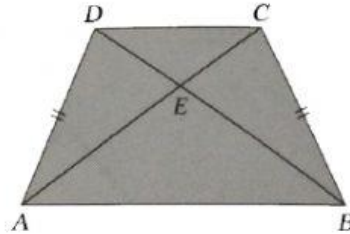


Worksheet Similar Congruent

Choose the best answer A, B, C, or D !

1. The figure above shows an isosceles trapezoid $ABCD$ ($AD = BC$). Which of the following pairs :

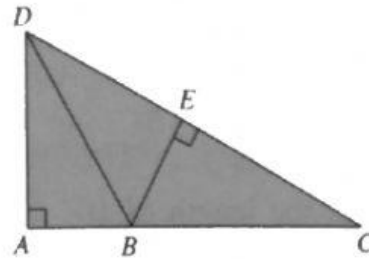
- (i) $\triangle ADE$ and $\triangle BCE$
- (ii) $\triangle ADC$ and $\triangle BCD$
- (iii) $\triangle ABD$ and $\triangle BAC$
- (iv) $\triangle ABE$ and $\triangle CDE$



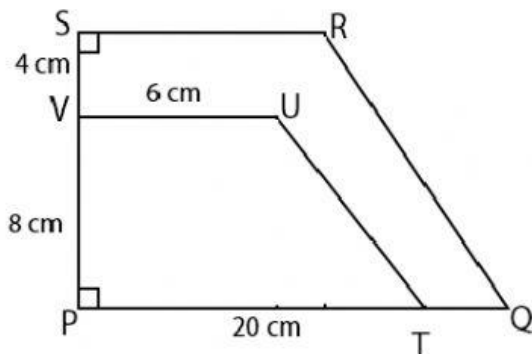
The figure above shows an isosceles trapezoid are pairs of congruent triangles ...

- A. (i) and (iv)
 - B. (ii) and (iv)
 - C. (i), (ii), and (iii)
 - D. (i), (ii), and (iv)
2. In the figure beside, the pair of two triangles similar are...

- A. $\triangle ABD$ and $\triangle EBD$
- B. $\triangle ABD$ and $\triangle BCD$
- C. $\triangle BCE$ and $\triangle BDE$
- D. $\triangle ACD$ and $\triangle ECB$



3. Look at the picture!



Trapezium $PTUV$ are similar with the trapezium $PQRS$. Thye length of PQ is....

- A. 20 cm
- B. 22 cm
- C. 26 cm
- D. 30 cm

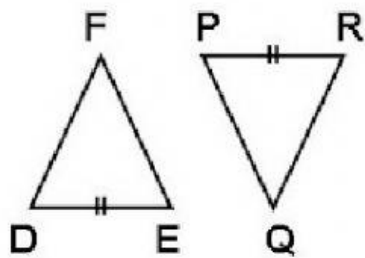
4. Look at this picture !



The shadow a pole and a tree make are 5 m and 20 m long, respectively. If the height of the pole is 4 m, find the height of the tree (t).

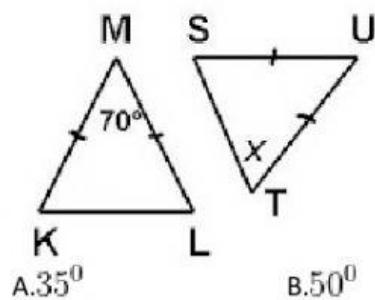
- A. 15 cm B. 16 cm C. 22 cm D. 24 cm

5. From the picture below, known $D = R$ and $DE = PR$. If $\triangle DEF$ congruent with $\triangle RPQ$, then $\angle DEF =$



- A. $\angle QRP$ B. $\angle RPQ$ C. $\angle RQP$ D. $\angle PQR$

6. Known the triangle KLM congruent with the triangle STU, then $\angle T$ is. . .



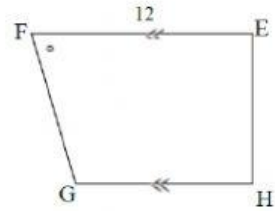
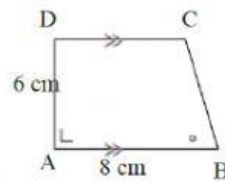
- A. 35° B. 50° C. 55° D. 70°

7. Look at the picture beside !

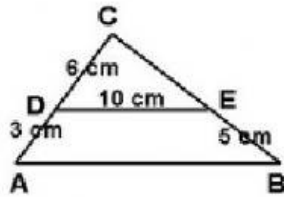
Trapezium $ABCD$ similar with trapezium $EFGH$.

The length of EH is ...

- A. 8 cm C. 10 cm
B. 9 cm D. 12 cm



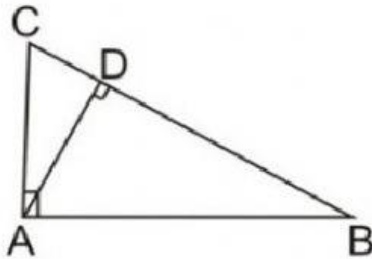
8. Look at the picture !



The length of AB is....

- a. 8 cm
b. 9 cm
c. 12 cm
d. 15 cm

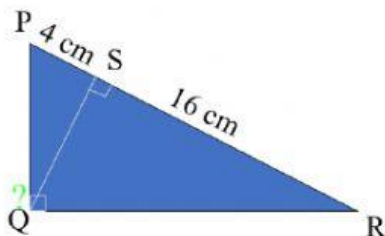
9. Look at this picture!



Known the length of BC is 25 cm and the length of DC is 9 cm. Then length of AD is...

- A. 10 cm B. 12 cm C. 13 cm D. 15 cm

10. Look at this picture!



The length of PQ is.....

a. 3 cm

c. 4 cm

b. $3\sqrt{5}$ cm

d. $4\sqrt{5}$ cm