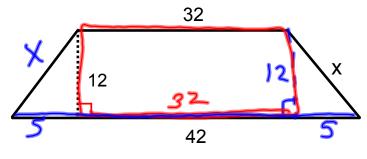
Do-now: Determine the length of x in the isosceles trapezoid below.

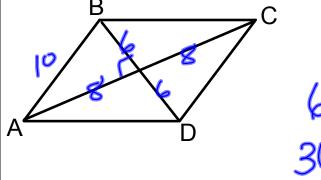
What is the name of the dashed segment?

althode

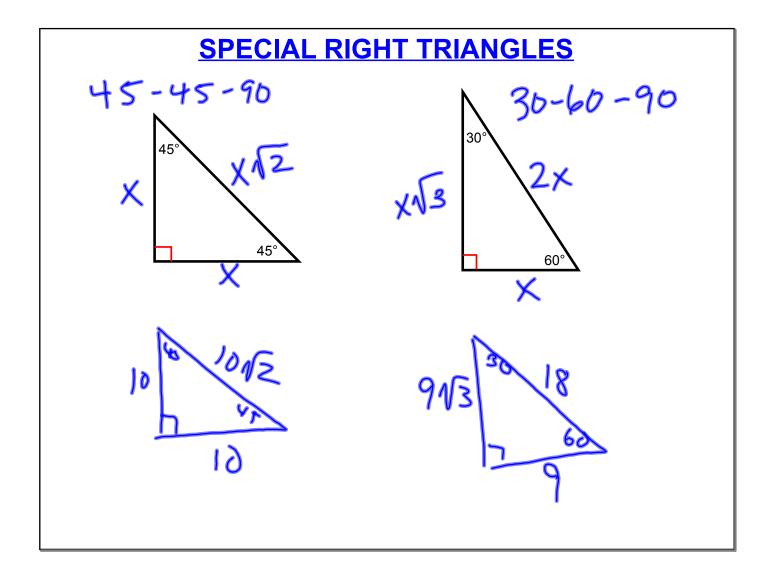


$$a^{2} + b^{2} = c^{2}$$
 $12^{2} + 5^{2} = X^{2}$
 $144 + 25 = X^{2}$
 $169 = X^{2}$

In the rhombus below, AC = 16 and BD = 12. What is the length of AB?



$$6^{2} + 8^{2} = c^{2}$$
 $36 + 64 = c^{2}$
 $100 = c^{2}$
 $10 = c$



What is the value of x and y in the isosceles trapezoid below?

