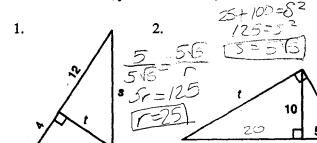
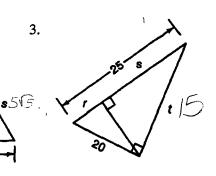
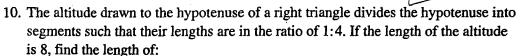
In Exercises 1 to 3, find the values of r, s, and t.



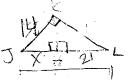


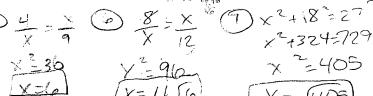
In Exercises 4 to 9, in right triangle JKL, angle JKL is the right angle and $\overline{KH} \perp \overline{JL}$.

- 4. If JH = 4 and HL = 16, find KH. $\frac{20}{3} = \frac{1}{3} = 5$. If JH = 5 and HL = 4, find KL.
- 6. If JH = 8, JL = 20, find KH.
- 7. If KL = 18, JL = 27, find JK.
- 8. If JK = 14, HL = 21, find JH. (5.70) 9. If KH = 12, JL = 40, find JK(assume \overline{JK} is the shorter leg of right $\triangle JKL$).



- (a) Each segment of the hypotenuse.
- The longer leg of the triangle.

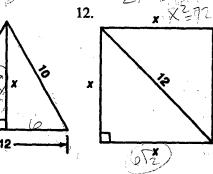




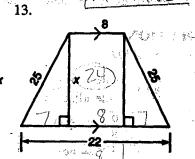


In Exercises 11 to 15, find the value of x.

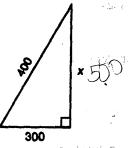
11.

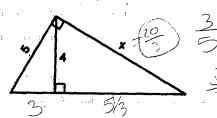


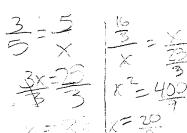
15.



14.

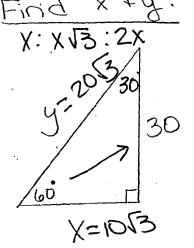






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Name Speciful Right Triangles Find x +y: X: XV3:2X 2.



3.

H

$$A = \frac{36}{45} = \frac{12}{6\sqrt{2}} = \frac{6}{6\sqrt{2}}$$

$$\sqrt{12} = \frac{13}{6\sqrt{2}} = \frac{13}{6\sqrt{2}}$$

Find:
$$AB = 663$$
 $BC = 66$
 $CD = 6672$
 $DA = 6672$

5) IS this trio rate acute, right, or obtuses 4 6 37 car form a A a) 4, 6, 7 4-62372 52 > 49 : acute b) 9,10,15 C+10015 19215... can form a A 181 2 125 : obtuse 72+102 (2) 152 $\frac{PI}{alt} = \frac{alt}{PZ}$ JX 2=40 - 2 - X X=2/10 X2+6X=16 Prij = leg hyp x2+lex-16=0 (X+8)(X-S)=0