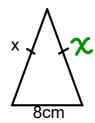


Warm Up Grade 7

add of sides

1) The base of an isosceles triangle is 8 cm. What is the length of the sides if the perimeter is 32 cm?



$$x+x+8=32$$
 $2x+8=32$
 $2x+8=32-8$

$$2x = 24$$

$$2x = 24$$

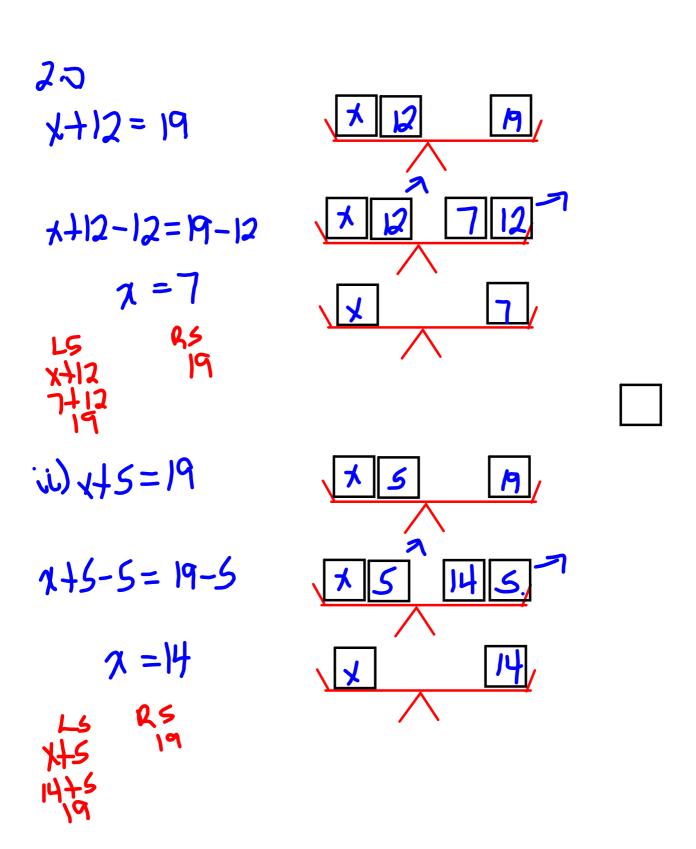
$$x = (2)$$

2) Solve using balances 3n + 11 = 26

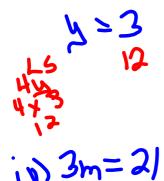
$$3n + 11 = 26$$
 $3n = 15$
 $3n = -3$
 $n = 5$
 $3n + 11$
 $3n = 5$
 $3n = 15$
 $3n = 5$
 3

$$9229$$
 $10) 201a = 50$
 $24a - 20 = 50 - 20$
 $a = 30$

d)
$$2d+3 = 45$$
 $2d+3-3 = 45-3$
 $2d = 42$
 $2d = 42$
 $d = 21$

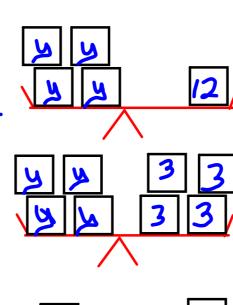




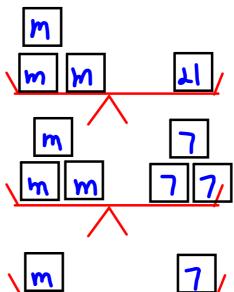


$$\frac{3m}{3} = \frac{21}{3}$$

$$m = 7$$







ii)
$$2p+12=54$$

 $2p+12-12=54-12$
 $2p=42$
 $2p=42$
 $2p=42$
 $p=21$

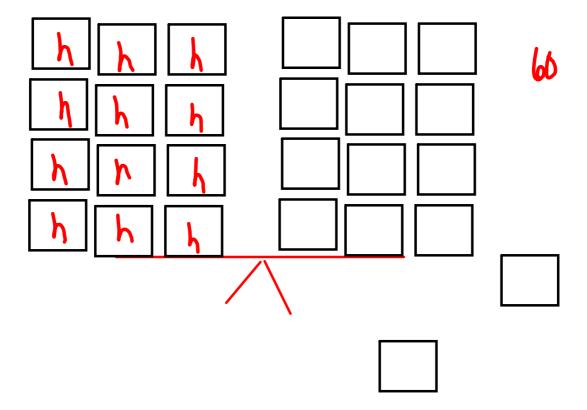
$$n+5=24$$

 $n+5-5=24-5$
 $n=19$

b)
$$n+8=32$$

 $n+8-8=32-8$
 $n=24$

13=h



5.
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6. Discuss

Class / Homework

Sheet 136 # 1-7

brief review

Sheet 136 Solving equations.pdf