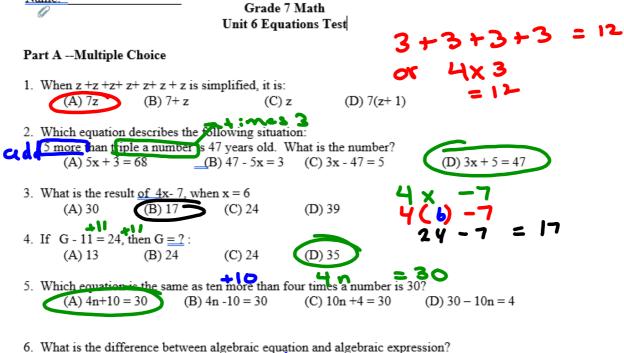
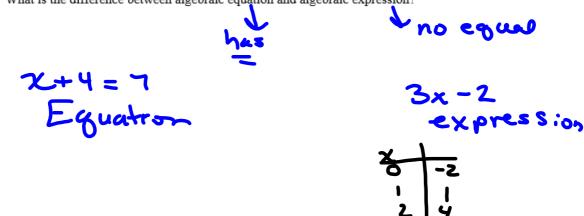
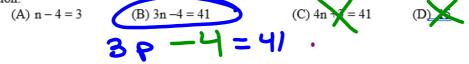
Name:





7. There were 3 packs of hockey cards on the table, 4 hockey cards are given away. If n = number of hockey cards and there are 41 hockey cards on the table, which equation satisfies the situation:



Subtrack

<u>-</u>

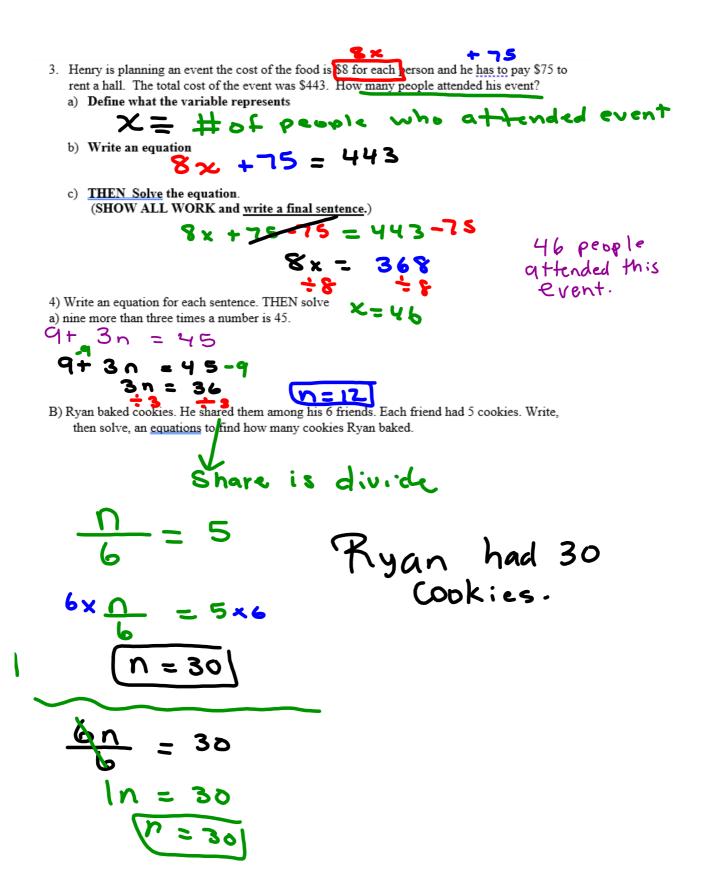
10

Part B - You must show work in order to obtain full value.

1. Solve the following using algebra:

1. Solve the following using algebra:
(a)
$$x + 12 = 18$$

(b) $p - 4 = 11$
(c) $8r = 72$
(d) $f = 7$
(d) $f = 7$
(e) $f = 28$
(f) $10 + 3m = 31$
(f) $43m = 31$
(g) $6n - 5 = 25$
(g) $f = -14 = 8$
(g) $10 + 3m = 31$
(g) $6n - 5 = 25$
(g) $f = -14 = 8$
(g) $f = -28$
(g) $f = -14 = 8$
(g) $f = -25$
(g) $f =$



c) Sam had 40 songs downloaded on her phone. Each month she downloads 6 additional songs. After how many months will Sam have a total of 94 songs?

After 9 months Sam $6 \times$ 62 + 40 will have 94 songs.

6. The cost of a school clothing is as follows: \$7 per hat and \$12 per t-shirt. The following is a formula for total cost. C = 7h + 12T where h represent the number of hats purchased and T represent the number of t-shirts purchased.

•Fill in the equation with the given information below and solve.

a) What is the cost if you but 4 hats and 6 tshirts?

B) Find out how many t-shirts bought if you spent a total of \$167 and bought 5 hats. 12(6)

4

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