



One & Two Step Equations



Name _____ Class _____ Date _____

1 To solve $2n + 4 = 14$, **first** subtract 4 from each side ($2n = 10$), **then** divide each side by 2 and the answer is $n = 5$.

Solve this 2-step problem: $4n + 8 = 16$

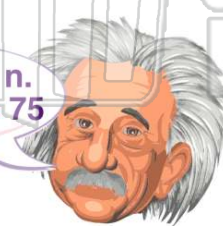
- A $n = 4$
- B $n = 12$
- C $n = 2$
- D $n = 28$



3 Solve for n .

$10n + 25 = 75$

- A $n = 50$
- B $n = 5$



2 Solve for n .

$7n - 3 = 18$

- A $n = 2$
- B $n = 7$
- C $n = 15$
- D $n = 3$



4 Solve for n .

$5n - 3 = 17$

- A $n = 15$
- B $n = 14$
- C $n = 9$



PREVIEW

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7
5
5
A $n = 7$
B $n = 10$
C $n = 5$
D $n = 28$

$5n = 25$



- A true
- B false



9 To solve $9n - 4 = 1$, **first** add 4 to both sides of the equation. **Second**, divide both sides of the equation by 9 and the answer is 5.

- A true
- B false

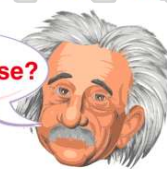
True or false?



10 To solve $4n + 7 = 31$, **first** subtract 7 from both sides of the equation. **Second**, divide both sides of the equation by 4 and the answer is 6.

- A true
- B false

True or false?





ANSWER KEY

To solve $2n + 4 = 14$, **first** subtract 4 from each side ($2n = 10$), **then** divide each side by 2 and the answer is $n = 5$.

Solve this 2-step problem: $4n + 8 = 16$

- A $n = 4$
- B $n = 12$
- C $n = 2$
- D $n = 28$



(c)

Solve for n .

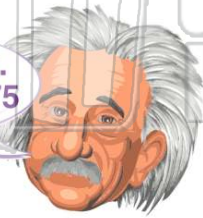
$$7n - 3 = 18$$



(d)

- A $n = 2$
- B $n = 7$
- C $n = 15$
- D $n = 3$

Solve for n .
 $10n + 25 = 75$



- A $n = 50$
- B $n = 5$
- C $n = 10$

(b)

Solve for n .

$$5n - 3 = 17$$



(d)

- A $n = 15$
- B $n = 14$
- C $n = 9$
- D $n = 4$



PREVIEW

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- A $n = 7$
- B $n = 10$
- C $n = 5$
- D $n = 28$



B false



To solve $9n - 4 = 1$, **first** add 4 to both sides of the equation. **Second**, divide both sides of the equation by 9 and the answer is 5.

True or false?

- A true
- B false

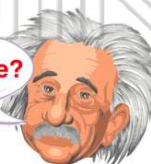


(b)

To solve $4n + 7 = 31$, **first** subtract 7 from both sides of the equation. **Second**, divide both sides of the equation by 4 and the answer is 6.

True or false?

- A true
- B false



(a)