7 **What is the solution for this equation?**

$$|2x-3|=5$$

A $x=-4$ or $x=4$

B $x=-4$ or $x=3$

C $x=-1$ or $x=4$

D $x=-1$ or $x=3$

CSA00264

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8 **What is the solution set of the inequality $5-|x+4|\leq -3$?**

A $-2\leq x\leq 6$

B $x\leq -2$ or $x\geq 6$

C $-12\leq x\leq 4$

D $x\leq -12$ or $x\geq 4$

CSA10036

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9 **Which equation is equivalent to $5x-2(7x+1)=14x$?**

A $-9x-2=14x$

B $-9x+1=14x$

C $-9x+2=14x$

D $12x-1=14x$

CSA00206

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10 **Which equation is equivalent to $4(2-5x)=6-3(1-3x)$?**

A $8x=5$

B $8x=17$

C $29x=5$

D $29x=17$

CSA00059

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11 **Which equation is equivalent to $3\left[7x-4(x-3)\right]+1=16$?**

A $9x-2=16$

B $9x+37=16$

C $17x-2=16$

D $17x+13=16$

CSA20078

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12 **The total cost (c) in dollars of renting a sailboat for n days is given by the equation**

$$c=120+60n.$$

If the total cost was $360, for how many days was the sailboat rented?

A 2

B 4

C 6

D 8

CSA00485

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13 **Solve:** $3(x+5)=2x+35$

Step 1: $3x+15=2x+35$
Step 2: $5x+15=35$
Step 3: $5x=20$
Step 4: $x=4$

Which is the first *incorrect* step in the solution shown above?

A Step 1

B Step 2

C Step 3

D Step 4

CSA00332

Answers

7	*C*
8	*D*
9	*A*
10	*C*
11	*B*
12	*B*
13	*B*