Solving Two Step Equations

1) Identify the equation for the value of x = –5.

    a) $9x + 2 = 47$ b) $2x + 19 = 9$ c) $9x – 2 = 49$ d) $2x – 19 = 9$

2) Find the value of k in the equation $\dfrac{k - 6}{3} = 2$.

    a) 15   b) 0   c) –12   d) 12

3) If $4(m + 1) = 24$ and $7n – 5 = –47$, what is the value of mn?

    a) –30   b) 24   c) –24   d) 30

Match the following.

1)	$\dfrac{z}{7} - 1 = 4$	○ ○	$z = –17$
2)	$8z + 3 = –13$	○ ○	$z = 12$
3)	$\dfrac{z + 5}{6} = –2$	○ ○	$z = –2$
4)	$4(z – 9) = 12$	○ ○	$z = 35$

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Answer key

TS:19

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z = –17
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