

Properties of Equality Homework

Name _____ Class Period _____

Solve the equation and identify the property of equality that justifies the missing step(s) to solve the given equation.

| Equation | Steps |
|------------------------|-------|
| $\frac{1}{3}x + 4 = 7$ | |
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| Equation | Steps |
|-----------------|-------|
| $2(4x + 6) = 8$ | |
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| Equation | Steps |
|------------------------|-------|
| $3(x - 9) = 2(2x + 3)$ | |
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| Equation | Steps |
|----------------------------|-------|
| $3x + 2x - 5 = x - 7 + 10$ | |
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| Equation | Steps |
|-----------------------|-------|
| $5 = \frac{x + 2}{3}$ | |
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| | |

| Equation | Steps |
|---------------------------|-------|
| $8 + x - 2 = 3x + 11 - x$ | |
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