# 7th Grade Two-Step Equations: Exit Ticket

Common Core 7.EE.B.4a  6 questions  Total: 9 marks  **Questions 3–6 on the back**

G7EQN2

**NAME or INITIALS** (BLOCK CAPITALS)

**ANSWER KEY** — not for students, do not scan

**ANSWERS** — final answer in each box. Only these boxes are marked.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **1** | $x = 6$ | **2** | $x = 4$ | **3** | $x = 18$ | **4** | $x = -5$ |
| **5** | $x = -\frac{1}{2}$ | **6** | $8$ | | | | |

**1** Solve for $x$: **1 mark**

$$2x + 5 = 17$$

$x = 6$

**2** Solve for $x$: **1 mark**

$$5x - 8 = 12$$

$x = 4$

CUT HERE


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**7th Grade Two-Step Equations: Exit Ticket** questions 3–6: write each final answer in its box on the front

**3** Solve for $x$: **1 mark**

$$\frac{x}{3} - 4 = 2$$

$x = 18$

**5** Solve for $x$: **2 marks**

$$4(x + 3) = 10$$

$x = -\frac{1}{2}$

**4** Solve for $x$: **2 marks**

$$-3x + 7 = 22$$

$x = -5$

**6** A taxi ride costs 3 dollars plus 2 dollars for each mile. A ride cost 19 dollars. How many miles long was the ride? **2 marks**

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