

# Practice 7-4

Write an Equation

**Write an equation. Then solve.**

1. Bill purchased 4 pens for \$3.32, including \$.16 sales tax. Find the cost of 1 pen.

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2. Arnold had \$1.70 in dimes and quarters. He had 3 more dimes than quarters. How many of each coin did he have?

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3. A baby weighed 3.2 kg at birth. She gained 0.17 kg per week. How old was she when she weighed 5.75 kg?

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4. In the parking lot at a truck stop there were 6 more cars than 18-wheel trucks. There were 134 wheels in the parking lot. How many cars and trucks were there?

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5. The product of 6 and 3 more than  $k$  is 48.

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6. A bottle and a cap together cost \$1.10. The bottle costs \$1 more than the cap. How much does each cost?

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7. The perimeter of a rectangular garden is 40 ft. The width is 2 ft more than one half the length. Find the length and width.

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