Name _____

Problem Solving • Multiply Money
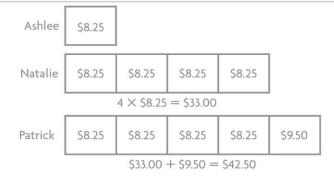
Solve each problem.

1. Three friends go to the local farmers'
   market. Ashlee spends $8.25. Natalie
   spends 4 times as much as Ashlee. Patrick
   spends $9.50 more than Natalie. How
   much does Patrick spend?

Ashlee	$8.25			

Natalie	$8.25	$8.25	$8.25	$8.25

   4 × $8.25 = $33.00

Patrick	$8.25	$8.25	$8.25	$8.25	$9.50

   $33.00 + $9.50 = $42.50

   _____**$42.50**_____

2. Kimmy's savings account has a balance of
   $76.23 in June. By September, her balance is
   5 times as much as her June balance. Between
   September and December, Kimmy deposits a
   total of $87.83 into her account. If she does not
   withdraw any money from her account, what
   should Kimmy's balance be in December?

   _____

3. Amy raises $58.75 to participate in a walk-a-thon.
   Jeremy raises $23.25 more than Amy. Oscar raises
   3 times as much as Jeremy. How much money
   does Oscar raise?

   _____

4. It costs $5.50 per hour to rent a pair of ice skates,
   for up to 2 hours. After 2 hours, the rental cost per
   hour decreases to $2.50. How much does it cost to
   rent a pair of ice skates for 4 hours?

   _____

Lesson Check (CC.5.NBT.7)

1. A family of two adults and four children is going to an amusement park. Admission is $21.75 for adults and $15.25 for children. What is the total cost of the family's admission?

   (A) $37
   (B) $89.25
   (C) $104.50
   (D) $117.50

2. Ms. Rosenbaum buys 5 crates of apples at the market. Each crate costs $12.50. She also buys one crate of pears for $18.75. What is the total cost of the apples and pears?

   (A) $12.50
   (B) $31.25
   (C) $62.50
   (D) $81.25

Spiral Review (CC.5.OA.2, CC.5.NBT.2, CC.5.NBT.4, CC.5.NF.3)

3. How do you write $10 \times 10 \times 10 \times 10$ using exponents? (Lesson 1.4)

   (A) 10^3
   (B) 10^4
   (C) 10,000
   (D) 4^{10}

4. Which represents 125.638 rounded to the nearest hundredth? (Lesson 3.4)

   (A) 100
   (B) 125.6
   (C) 125.63
   (D) 125.64

5. The sixth-graders at Meadowbrook Middle School are going on a field trip. The 325 students and adults will ride in school buses. Each bus holds 48 people. How many school buses are needed? (Lesson 2.7)

   (A) 6
   (B) 6.77
   (C) 7
   (D) 8

6. A restaurant can seat 100 people. It has booths that seat 4 people and tables that seat 6 people. So far, 5 of the booths are full. Which expression matches the situation? (Lesson 1.10)

   (A) $4 \times 5 + 6$
   (B) $100 - (5 \times 4)$
   (C) $6 \times (4 + 5)$
   (D) $100 \div (4 + 6)$