63. CHALLENGE You want to buy 25 fish for an aquarium. You decide to buy danios, tetras, and rainbowfish.

Write and simplify an expression for the total cost of x danios, y tetras, and the rest rainbowfish. You buy 8 danios, 10 tetras, and the rest rainbowfish. What is the total cost?

MIXED REVIEW FOR TAKS

TAKS PRACTICE at classzone.com

REVIEW
Skills Review Handbook p. 984; TAKS Workbook

64. TAKS PRACTICE A roadside fruit stand sells three apples for a total of $0.79. The total cost, c, of purchasing n apples can be found by—
TAKS Obj. 10

Ⓐ multiplying n by c
Ⓑ multiplying n by the cost of 1 apple
Ⓒ dividing n by c
Ⓓ dividing c by the cost of 1 apple

REVIEW
TAKS Preparation p. 902; TAKS Workbook

65. TAKS PRACTICE A rectangle has a length of 6 feet and a perimeter of 22 feet. What is the perimeter of a similar rectangle with a width of 20 feet?
TAKS Obj. 8

Ⓕ 52 ft
Ⓖ 82 ft
Ⓗ 88 ft
Ⓙ 100 ft

QUIZ *for Lessons 1.1–1.2*

Graph the numbers on a number line. *(p. 2)*

1. $-5, \frac{7}{2}, 1, -\frac{4}{3}$
2. $-6.2, 5.4, \sqrt{5}, -2.5$
3. $0, -7.3, -\frac{2}{5}, 2\sqrt{3}$

Identify the property that the statement illustrates. *(p. 2)*

4. $6(4 + 9) = 6(4) + 6(9)$
5. $-5 \cdot 8 = 8 \cdot (-5)$
6. $17 + (-17) = 0$

Evaluate the expression for the given value of the variable. *(p. 10)*

7. $10m + 32$ when $m = -5$
8. $12 + (8 - n)^3$ when $n = 5$
9. $p^3 - 3p^2$ when $p = -2$

Simplify the expression. *(p. 10)*

10. $8x + 6x^2 - 9x^2 - 4x$
11. $5(x + 9) - 2(4 - x)$
12. $24x - 6y + 15y - 18x$

13. CD COSTS CDs are on sale for $8 each and you have a gift card worth $100. Write an expression for the amount of money left on the gift card after purchasing n CDs. Evaluate the expression to find the amount of money left after purchasing 6 CDs. *(p. 10)*

EXTRA PRACTICE for Lesson 1.2, p. 1010 **ONLINE QUIZ** at classzone.com