MIXED REVIEW FOR TAKS

TAKS PRACTICE at classzone.com

REVIEW
Skills Review Handbook p. 998; TAKS Workbook

34. **TAKS PRACTICE** Curtis takes a bag of trail mix on a camping trip. On the first day, he eats one fourth of the trail mix. On the second day, he eats half of the remaining trail mix. On the third day, he eats one third of the remaining trail mix. When Curtis goes home, he has one-half pound of trail mix. How many pounds of trail mix did Curtis take on the camping trip? *TAKS Obj. 10*

Ⓐ 2 lb Ⓑ 4 lb Ⓒ 8 lb Ⓓ 12 lb

REVIEW
TAKS Preparation p. 146; TAKS Workbook

35. **TAKS PRACTICE** The number of students participating in extracurricular activities at Alexander High School this year is 25% higher than the previous year's participation of 740 students. What percent of this year's participation is last year's participation? *TAKS Obj. 9*

Ⓕ 20% Ⓖ 57% Ⓗ 75% Ⓙ 80%

REVIEW
TAKS Preparation p. 324; TAKS Workbook

36. **TAKS PRACTICE** How many yards of rope are needed to rope off a rectangular region having a width of 9 yards and a diagonal of 15 yards? *TAKS Obj. 8*

Ⓐ 24 yd Ⓑ 33 yd Ⓒ 36 yd Ⓓ 42 yd

QUIZ *for Lessons 1.3–1.5*

Solve the equation. Check your solution. *(p. 18)*

1. $5b - 2 = 8$

2. $2d - 3 = 8d + 15$

3. $2(m - 4) = m + 2$

4. $\frac{2}{3}k + \frac{2}{7} = \frac{3}{7}k + \frac{1}{2}$

Solve the equation for *y*. Then find the value of *y* for the given value of *x*. *(p. 26)*

5. $4x + y = 12; x = 4$

6. $3x - 2y = 14; x = 6$

7. $3xy - 4x = 19; x = 2$

8. $11y + 2xy = 9; x = -5$

Look for a pattern in the table. Then write an equation that represents the table. *(p. 34)*

9.

x	0	1	2	3
y	0	13	26	39

10.

x	0	1	2	3
y	−5	−2	1	4

11. **TUTORING FEE** A chess tutor charges a fee for the first lesson that is 1.5 times the fee for later lessons. You spend $315 for 10 lessons. How much does the first lesson cost? How much does a later lesson cost? *(p. 34)*

12. **FLOWER PRICES** You buy some calla lilies and peonies at a flower store. Calla lilies cost $3.50 each and peonies cost $5.50 each. The total cost of 12 flowers is $52. How many calla lilies and how many peonies did you buy? *(p. 34)*

EXTRA PRACTICE for Lesson 1.5, p. 1010 ONLINE QUIZ at classzone.com