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Introduction

The old adage "practice makes perfect" can really hold true for your child and their education. The more practice a child has with concepts being taught in school, the more success they are likely to find. For many parents, knowing how to support their child's learning can be frustrating. This book is designed to eliminate the guesswork for parents using it at home while also being a valuable resource for educators using it in the classroom.

Here's how: Grade 5 students need a certain set of skills in order to be able to understand and work with math concepts. *Practice Makes Perfect: Math Review* covers the following skills:

- factors and ratios
- fractions
- choosing operations, mixed operations, and order of operations
- exponents
- percentages
- integers
- algebraic equations
- working with money
- calculating time
- graphs and tables
- measurement
- basic geometry

Inside This Resource

Practice Pages (pages 4 to 39)—There are 36 practice pages organized sequentially so that children can build their knowledge from more basic skills to higher-level math skills.

Practice Tests (pages 40–45)—These 6 mixed-skills practice tests are given in a multiple-choice format designed to prepare students for the standardized tests administered in schools.

Answer Sheet (page 46)—This optional sheet provides a similar format to those found on standardized tests. This "bubble-in" answer sheet can be used in the classroom or at home.

Answer Key (pages 47–48)—This comprehensive key provides the answers for all of the practice pages and the practice tests.

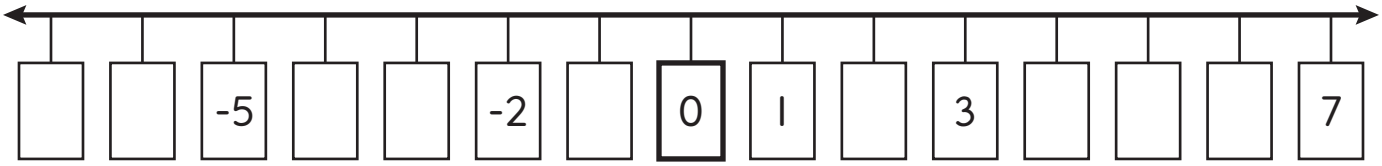
Helpful Tips

- Keep practice sessions short, positive, and constructive.
- Help with instructions. Consider asking your child to underline or repeat what they are being asked to find or solve.
- Provide extra guidance and support in the areas in which your child is struggling. Look for ways to apply these skills to real-life situations.

Name: _____

Integers are whole numbers. Integers can be positive numbers or negative numbers.

Complete the number line.



Add or subtract. Use the number line above to help you.

1. 9 + -2 = _____	2. -3 – 4 = _____
3. 4 – -3 = _____	4. -1 – 5 = _____
5. 5 + -3 = _____	6. -6 + 6 = _____
7. 4 – -2 = _____	8. -5 + 10 = _____
9. 7 + -1 = _____	10. -2 + 1 = _____
11. 2 + -4 = _____	12. -2 + 8 = _____

Add the missing sign (– or +) to make each equation true.

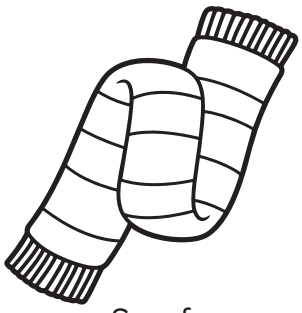
13. 5 – ____ 1 = 6	14. 3 – ____ 6 = 9
15. 7 – ____ 9 = 16	16. -10 ____ 7 = -17
17. 6 ____ -8 = -2	18. 9 ____ -9 = 0
19. 4 – ____ 3 = 7	20. -2 ____ 10 = 8

Practice 18
Finding the Total Cost

Name: _____

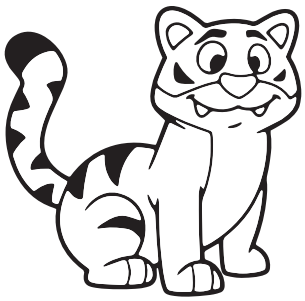
A nearby elementary school is having a fundraiser selling items in school colors. Use the information below to find the cost of each student's purchase.

T-shirt
$20.00



Scarf
$15.00

Hoodie
$40.00



Toy Mascot
$15.00

Tax	**Shipping and Handling (S & H)**	
10% of subtotal	$15.00–$40.00 ➡ Add $3.50	$45.00 and up ➡ Add $6.50

Example: Jordan bought two T-shirts and a toy mascot.

Price of items:	$40.00	(two T-shirts)
	+ $15.00	(Toy Mascot)
Subtotal:	$55.00	
Tax:	+ $ 5.50	
S & H:	+ $ 6.50	
Grand Total:	$67.00	

Jordan spent $67.00.

1. Charlie bought a toy mascot.

Price of item: _____
Subtotal: + _____
Tax: + _____
S & H: + _____
Grand Total: _____

Charlie spent _____.

2. Nolan bought one of each item.

Price of items: _____
_____
_____
_____
Subtotal: + _____
Tax: + _____
S & H: + _____
Grand Total: _____

Nolan spent _____.

3. Frankie bought a hoodie and a scarf.

Price of items: _____
_____
Subtotal: + _____
Tax: + _____
S & H: + _____
Grand Total: _____

Frankie spent _____.

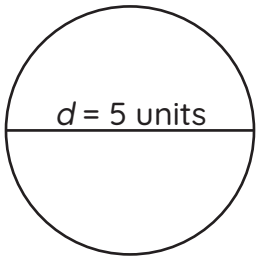
Name: _____

Formulas for Finding the Circumference (C) and Perimeter (P)

Circle:	C (circumference) = π (3.14) × d (diameter)
Triangle:	$P = a + b + c$
Square:	$P = 4 \times s$ (side)
Rectangle:	$P = (2 \times a) + (2 \times b)$
Parallelogram:	$P = (2 \times a) + (2 \times b)$
Trapezoid:	$P = a + b + c + d$

Identify each shape. Find the circumference or perimeter for each shape.

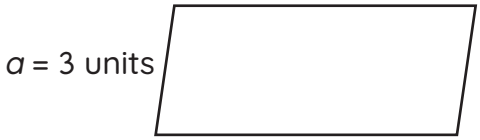
1.



Shape: _____

Circumference: _____ units

2.



Shape: _____

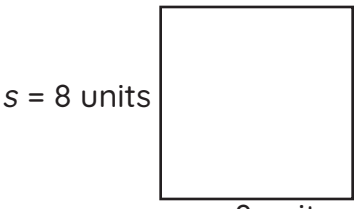
Perimeter: _____ units

3.

Shape: _____

Perimeter: _____ units

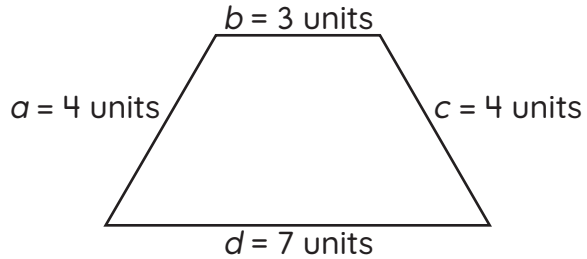
4.



Shape: _____

Perimeter: _____ units

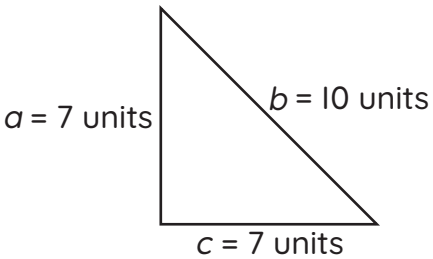
5.



Shape: _____

Perimeter: _____ units

6.



Shape: _____

Perimeter: _____ units