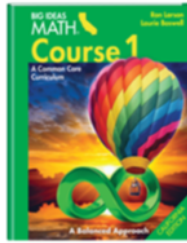


Big Ideas Math



6th Grade















7th Grade



8th Grade

Resources: Blue: Common Core

Blue: Common Core

 Student Dynamic eBook	 Apps	 Basic Skills Handbook	 Game Closet	 Graphic Organizer: MS Word
 Graphic Organizer: PDF	 Math Tool Paper	 Multi-Language Glossary	 Skills Review Handbook	 Real-Life STEM Videos
 Vocabulary Flash Cards	 Download eBooks			

BIG IDEAS MATH VIDEOS



Example 1

a. Solve $d - \frac{1}{4} = -\frac{1}{2}$

$$d - \frac{1}{4} = -\frac{1}{2}$$
$$\begin{array}{r} +\frac{1}{4} \\ +\frac{1}{4} \\ \hline d = -\frac{1}{4} \end{array}$$

b. Solve $m + 4.8 = 9.2$

$$m + 4.8 = 9.2$$
$$\begin{array}{r} -4.8 \\ -4.8 \\ \hline m = 4.4 \end{array}$$

Example 4

The melting point of ice is $\frac{2}{9}$ of the melting point of candle wax. The melting point of ice is 32°F . Write and solve an equation to find the melting point of candle wax.

The melting point of ice is $\frac{2}{9}$ the melting point of candle wax.

$$32 = \frac{2}{9} \cdot x$$
$$\frac{9}{2} \cdot \frac{32}{1} = \frac{9}{2} \cdot \frac{2}{9} x$$
$$144 = x$$

The melting point of candle wax is 144°F .

Basic Skills Handbook

Topic 1: Whole Numbers

1.1 Rounding Numbers	Answers Exercise
1.2 Adding and Subtracting	Answers Exercise
1.3 Multiplying	Answers Exercise
1.4 Dividing	Answers Exercise
1.5 Counting and Comparing Objects	Answers Exercise
1.6 Counting Objects	Answers Exercise
1.7 Adding and Subtracting Whole Numbers	Exercise Answers

Topic 11: Two-Dimensional Figures

11.1 Angles	Answers Exercise
11.2 Rectangles and Triangles	Answers Exercise
11.3 Parallelograms and Trapezoids	Answers Exercise
11.4 Circles	Answers Exercise

Topic 12: Perimeter and Area

12.1 Perimeter	Answers Exercise
12.2 Area	Answers Exercise

Topic 2: Factors and

Adding Integers

Name _____

Key Concept and Vocabulary

Use integer counters to add.

$$3 + (-5) = 2$$

plus equals

$+ - = 0$

PRACTICE MAKES PURR-FECT™

Check your answers at BigIdeasMath.com.

Draw the integer counters. Write the integers in .

1. = =

$$4 + (-2) = 2$$

2. = =

$$-4 + 2 = -2$$

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Math Tool Paper

Middle School Tool Paper

4-Step Plan	Download
Financial Literacy and Maps	Download
Fractions, Decimals, and Number Lines	Download
Functions and Coordinate Graphs	Download
Geometry	Download
Graphic Organizers	Download
Manipulatives	Download
Measurement	Download
Paper	Download

Name _____ Date _____

4-Step Plan

Problem Solving Strategies

- Make a Model
- Draw a Diagram
- Use a Venn Diagram
- Act It Out/Use Manipulatives
- Guess, Check, and Revise
- Break into Parts
- Solve a Simpler Problem
- Look for a Pattern
- Work Backward
- Make an Organized List or Table
- Write a Number Sentence
- Use Logical Reasoning

EXPLORE

1. What do you know?
2. What do the terms mean?
3. What do you need to find?

PLAN

1. Choose a strategy.
2. How do the facts relate to each other?
3. Estimate the answer.

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Skills Review Handbook (Middle School)

Topic 1: Whole Numbers

1.1 Rounding Whole Numbers

[Exercise](#) | [Answers](#)

1.2 Adding and Subtracting Whole Numbers

[Exercise](#) | [Answers](#)

1.3 Multiplying Whole Numbers

[Exercise](#) | [Answers](#)

1.4 Dividing Whole Numbers

[Exercise](#) | [Answers](#)

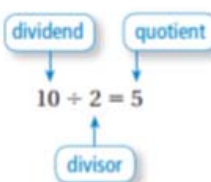
1.5 Writing Whole Number Expressions

[Exercise](#) | [Answers](#)

REVIEW: Dividing Whole Numbers

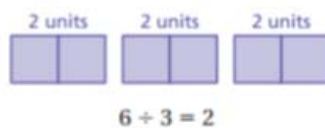
Name _____

Key Concept and Vocabulary



Visual Model

If you divide 6 units into 3 equal parts, each part will have 2 units.



Skill Examples

1. $42 \div 6 = 7$

2. $\frac{65}{13} = 65 \div 13 = 5$

3. $\begin{array}{r} 13 \\ 15 \overline{)195} \\ \underline{15} \\ 45 \\ \underline{45} \\ 0 \end{array}$ \div $195 \div 15 = 13$

Application Example

4. Six people find a treasure worth \$12,300. If each person receives an equal share, how much does each person get?

$$\$12,300 \div 6 = \$2050$$

- \div Each person gets \$2050.

PRACTICE MAKES *PURR*-FECT™



Check your answers at BigIdeasMath.com.

Find the quotient.

5. $56 \div 8 =$ _____

6. $99 \div 11 =$ _____

7. $132 \div 6 =$ _____

8. $80 \div 5 =$ _____