

# Computing with Time and Money

NCTM Standards 1, 2, 6, 7, 8, 9, 10

Complete the tables and number sentences.

1

Weeks	1	2	3	4	5
Days	7				

2

Hours	1	2	3	4	5
Minutes	60				

3

Dimes	1	2	3	4	5
Nickels	2				

4

Dollars	1	2	3	4	5
Quarters	4				

5

\$1.50

+

=

6



7  $4 \text{ nickels} + 3 \text{ dimes} = \underline{\hspace{1cm}} \text{¢}$

8  $2 \text{ weeks} \times 3 = \underline{\hspace{1cm}} \text{ days}$

9  $13 \text{ days} + 8 \text{ days} = \underline{\hspace{1cm}} \text{ weeks}$

10  $1 \text{ nickel} \times 4 = \underline{\hspace{1cm}} \text{¢}$

11  $2 \text{ weeks} - 9 \text{ days} = \underline{\hspace{1cm}} \text{ days}$

12  $30 \text{ minutes} \times 4 = \underline{\hspace{1cm}} \text{ hours}$

13  $7 \text{ nickels} + 9 \text{ nickels} = \underline{\hspace{1cm}} \text{ dimes}$

14  $1 \text{ hour} \div 2 = \underline{\hspace{1cm}} \text{ minutes}$

15  $80 \text{ minutes} + 40 \text{ minutes} = \underline{\hspace{1cm}} \text{ hours}$

16  $1 \text{ hour} \div 4 = \underline{\hspace{1cm}} \text{ minutes}$

## Find the missing numbers.

17  $9¢ + 18¢ = \underline{\hspace{2cm}}$

18  $\$1.18 + \underline{\hspace{2cm}} = \$1.93$

19  $\$3.00 - \$2.50 = \underline{\hspace{2cm}}$

20  $\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = 27¢$

21  $\underline{\hspace{2cm}} + 27¢ = \$1.00$

22  $25¢ \times 7 = \underline{\hspace{2cm}}$

23  $75¢ + \underline{\hspace{2cm}} = \$1.50$

24  $50¢ \times 2 = \underline{\hspace{2cm}}$

25  $\$2.00 - \$1.25 = \underline{\hspace{2cm}}$

26  $25¢ \times 3 = \underline{\hspace{2cm}}$

27  $86¢ - \underline{\hspace{2cm}} = 59¢$

28  $\$2.00 \div 4 = \underline{\hspace{2cm}}$

29  $\$2.50 + \underline{\hspace{2cm}} = \$7.00$

30  $75¢ \times 2 = \underline{\hspace{2cm}}$

31  $\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = 86¢$

32  $\underline{\hspace{2cm}} \div 2 = 75¢$

## How many cents?



33  $13¢ + 1 \text{ quarter} = \underline{\hspace{2cm}}$

34  $13¢ \times 4 = \underline{\hspace{2cm}}$

35  $13¢ + 7 \text{ nickels} = \underline{\hspace{2cm}}$

36  $13¢ \times 5 = \underline{\hspace{2cm}}$

37  $13¢ + 3 \text{ quarters} = \underline{\hspace{2cm}}$

38  $13¢ \times 6 = \underline{\hspace{2cm}}$

39  $13¢ + 12 \text{ dimes} = \underline{\hspace{2cm}}$

40  $13¢ \times 7 = \underline{\hspace{2cm}}$

### 41 Challenge

$7 + \underline{\hspace{2cm}} = 2 \text{ dozen}$

$\underline{\hspace{2cm}} \text{ min} + 48 \text{ min} = 1 \underline{\hspace{2cm}}$

$317 \text{ days} + \underline{\hspace{2cm}} \text{ days} = 1 \underline{\hspace{2cm}}$

$\underline{\hspace{2cm}} \text{ min} + \underline{\hspace{2cm}} = 1 \text{ day}$

# Measuring Temperature

NCTM Standards 1, 2, 6, 7, 8, 9, 10

Use the table to answer the questions below.

	Temperature at 7:00 A.M.	Temperature at noon	Temperature at 7:00 P.M.
Monday	60°F	82°F	71°F
Wednesday	53°F	70°F	65°F
Friday	49°F	76°F	69°F

- 1 On what day and at what time was the coldest temperature measured?

On \_\_\_\_\_ at 7:00 A.M.

- 2 On what day and at what time was the hottest temperature measured?

On \_\_\_\_\_ at \_\_\_\_\_

- 3 Which day had the greatest change in temperature from 7:00 A.M. to noon?

\_\_\_\_\_

- 4 Which day had the least change in temperature from 7:00 A.M. to noon?

\_\_\_\_\_

- 5 By how many degrees did the temperature change from noon to 7:00 P.M. on Monday?

\_\_\_\_\_°F

**Solve.**

- 6 If today's weather forecast is a low of  $68^{\circ}\text{F}$  and a high of  $87^{\circ}\text{F}$ , by how many degrees is the temperature expected to change?

\_\_\_\_\_  $^{\circ}\text{F}$

- 7 The temperature dropped  $16^{\circ}\text{F}$  overnight. The temperature in the morning was  $45^{\circ}\text{F}$ . What was the temperature the previous night?

\_\_\_\_\_  $^{\circ}\text{F}$

- 8 Joey has a fever of  $101.3^{\circ}\text{F}$ . By how many degrees must his temperature drop to reach the normal body temperature of  $98.6^{\circ}\text{F}$ ?

\_\_\_\_\_  $^{\circ}\text{F}$

- 9 **Challenge** Erin is going on a trip to visit her aunt. The weather where her aunt lives is always  $23^{\circ}\text{F}$  cooler than it is where Erin lives. Complete the table with the correct temperatures to help Erin decide what to bring on her trip.

	Monday	Tuesday	Wednesday	Thursday	Friday
Erin's Town	$61^{\circ}\text{F}$			$84^{\circ}\text{F}$	$72^{\circ}\text{F}$
Aunt's Town		$35^{\circ}\text{F}$	$46^{\circ}\text{F}$		

# Measuring Length

NCTM Standards 1, 2, 6, 7, 8, 9, 10

## Measurement Scavenger Hunt

Use a ruler to find things in your classroom that match these descriptions. Write the length of each object below its name.

- 1 something longer than your foot

Object: \_\_\_\_\_

Length: \_\_\_\_\_

- 2 something shorter than 2 inches

Object: \_\_\_\_\_

Length: \_\_\_\_\_

- 3 something a little longer than 6 inches

Object: \_\_\_\_\_

Length: \_\_\_\_\_

- 4 something about 1 inch wide

Object: \_\_\_\_\_

Length: \_\_\_\_\_

- 5 something about 2.5 centimeters wide

Object: \_\_\_\_\_

Length: \_\_\_\_\_

- 6 something shorter than your pinkie finger

Object: \_\_\_\_\_

Length: \_\_\_\_\_

- 7 something longer than 1 foot but shorter than 2 feet

Object: \_\_\_\_\_

Length: \_\_\_\_\_

- 8 something longer than 20 centimeters but shorter than 25 centimeters

Object: \_\_\_\_\_

Length: \_\_\_\_\_

- 9 something about the length of your thumb

Object: \_\_\_\_\_

Length: \_\_\_\_\_

**Use a ruler and estimate to find things in your classroom that match these descriptions.**

**10** something taller than you

Object: \_\_\_\_\_

**11** something taller than your teacher

Object: \_\_\_\_\_

**12** something a little shorter than 2 feet

Object: \_\_\_\_\_

**13** something about 10 centimeters long

Object: \_\_\_\_\_

**14** something about 1 foot long

Object: \_\_\_\_\_

**15** something longer than 5 feet

Object: \_\_\_\_\_

**16** something about 1 yard long

Object: \_\_\_\_\_

**17** something about 100 centimeters long

Object: \_\_\_\_\_

**18** something about 3 feet long

Object: \_\_\_\_\_

**19 Challenge**

something longer than 1 foot but shorter than 100 centimeters

Object: \_\_\_\_\_

**20 Challenge**

something longer than 2 centimeters but shorter than 1 foot

Object: \_\_\_\_\_

**21 Challenge**

something longer than 1 meter but shorter than 3 yards

Object: \_\_\_\_\_

# Measuring in Inches, Feet, and Yards

NCTM Standards 1, 2, 6, 7, 8, 9, 10

Complete the tables and number sentences.

1	Feet	$\frac{1}{2}$	1	2	3	4	Weeks	1	2	3	4	5
	Inches						Days					
	Hours	$\frac{1}{2}$	1	2	3	4	Yards	$\frac{1}{3}$	1	2	3	4
	Minutes						Feet					

2 2 feet = \_\_\_\_\_ inches

2 feet + 8 inches = \_\_\_\_\_ inches

3 1 foot = \_\_\_\_\_ inches

1 foot  $\div$  2 = \_\_\_\_\_ inches

4 1 yard = \_\_\_\_\_ feet

1 yard - 1 foot = \_\_\_\_\_ feet

5 5 yards = \_\_\_\_\_ feet

5 yards - 9 feet = \_\_\_\_\_ feet

Estimate the length of each line. Then measure each line with a ruler to find the exact length.

6 Estimate: \_\_\_\_\_ inches 

Exact: \_\_\_\_\_ inches

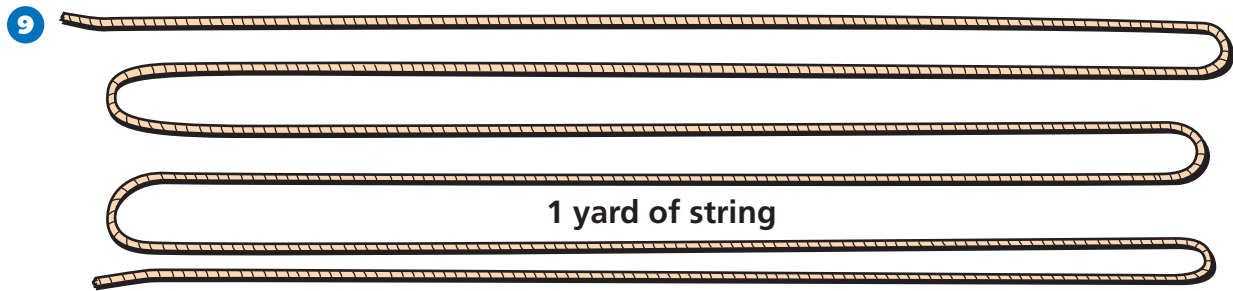
7 Estimate: \_\_\_\_\_ inches 

Exact: \_\_\_\_\_ inches

**Complete the tables and number sentences.**

<b>8</b>	<b>Yards</b>	0	1	2	3	4	<b>Feet</b>	0	1	2	3	4
	<b>Feet</b>	0	3				<b>Inches</b>					

<b>Yards</b>	2	4	6	10	16	<b>Feet</b>	2		12	3	20
<b>Feet</b>						<b>Inches</b>		120			



1 yard + 2 feet = \_\_\_\_\_ feet

1 yard × 3 = \_\_\_\_\_ feet

1 yard + 4 inches = \_\_\_\_\_ inches

1 yard × 2 = \_\_\_\_\_ feet

1 yard – 1 inches = \_\_\_\_\_ inches

1 yard ÷ 3 = \_\_\_\_\_ feet

1 yard – 6 inches = \_\_\_\_\_ inches

1 yard ÷ 3 = \_\_\_\_\_ inches

1 yard + 1 foot = \_\_\_\_\_ inches

1 yard ÷ 6 = \_\_\_\_\_ inches

**10 Challenge**

<b>Dimes</b>	10	20	25	30	40
<b>Dollars</b>					

<b>Dimes</b>	5	10	20	40	80
<b>Dollars</b>					



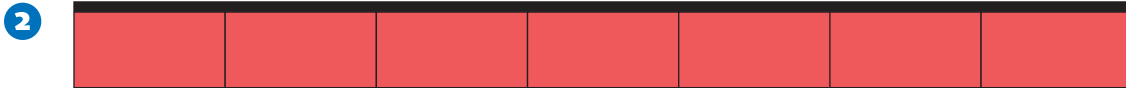
# Measuring Length in Centimeters

NCTM Standards 1, 2, 6, 7, 8, 9, 10

1 Complete the table.

Cuisenaire® Rod										
Length in Centimeters	1									

Measure each line with the Cuisenaire® Rod shown. Then, find the length of the line in centimeters.



7 red rods \_\_\_\_\_ centimeters



\_\_\_\_\_ light green rods \_\_\_\_\_ centimeters



\_\_\_\_\_ yellow rods \_\_\_\_\_ centimeters



\_\_\_\_\_ purple rods \_\_\_\_\_ centimeters

Estimate the length of each line with the units shown. Then, estimate each length in centimeters. The paper clip is about 3 cm long.

6



\_\_\_\_\_ paper clips

\_\_\_\_\_ centimeters

7



\_\_\_\_\_ paper clips

\_\_\_\_\_ centimeters

8



\_\_\_\_\_ paper clips

\_\_\_\_\_ centimeters

9



\_\_\_\_\_ paper clips

\_\_\_\_\_ centimeters

**10 Challenge**



2 \_\_\_\_\_ rods

14 centimeters

# Measuring Capacity in Cups, Pints, and Quarts

NCTM Standards 1, 2, 6, 7, 8, 9, 10

Compare the amounts. Write  $<$ ,  $>$ , or  $=$  in each .

1 1 quart  1 pint

2 2 cups  1 pint

3 1 cup  1 quart

4 1 quart  3 pints

5 1 pint  1 cup

6 3 cups  1 quart

Write the missing number to make each statement true.

7 1 pint = \_\_\_\_\_ cups

8 1 quart = \_\_\_\_\_ pints

9 1 quart = \_\_\_\_\_ cups

10 \_\_\_\_\_ pints = 4 cups

11 6 pints = \_\_\_\_\_ quarts

12 \_\_\_\_\_ cups = 3 pints

**Solve.**

**13** Howie filled a pint container halfway. How many more cups does he need to fill the container completely?

\_\_\_\_\_ cup(s)

**14** Sharon poured 3 cups of water out of a filled 2-pint container. How many cups were left?

\_\_\_\_\_ cup(s)

**15** Rebecca used a pint container to fill a quart container with water. How many times did she fill the pint container?

\_\_\_\_\_ times

**16** Carl needed a quart of milk for his special smoothies. He had 3 cups of milk. Did he have enough?

yes    no

**17** Jen bought a pint of juice at the store and shared it equally with a friend. How much did each child get?

\_\_\_\_\_

**18** Lizzie gave each of her 6 friends a cup of milk. How many pints is that?

\_\_\_\_\_ pints

**19 Challenge** Peter poured 6 cups of water into a 2-quart container. Did he fill the container?

yes    no

**20 Challenge** James emptied half of a 2-quart container into pint containers. He poured the rest into cups. How many cups did he fill?

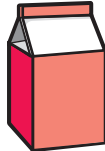
\_\_\_\_\_ cups

# Measuring Capacity in Gallons and Liters

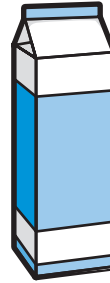
NCTM Standards 1, 2, 6, 7, 8, 9, 10



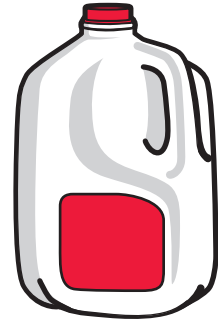
1 cup



1 pint



1 quart



1 gallon

Fill in the missing numbers.

1 1 gallon = \_\_\_\_\_ quarts

2 1 gallon = \_\_\_\_\_ pints

3 1 gallon = \_\_\_\_\_ cups

4 \_\_\_\_\_ cups = 1 pint

5 2 pints = \_\_\_\_\_ quart

6 8 quarts = \_\_\_\_\_ gallons

7 8 quarts = \_\_\_\_\_ pints

8 \_\_\_\_\_ gallons = 16 pints

**Solve.**

9 Evan poured a cup of water into a quart container. How many more cups are needed to fill the container?

\_\_\_\_\_ cups

10 Elsie filled a gallon container with water using a pint container. How many times did she fill the pint container?

\_\_\_\_\_ times

11 Pat had a liter of milk. He used 300 milliliters to make pancakes. How many milliliters did he have left?

\_\_\_\_\_ milliliters

12 Stephanie poured 18 cups of water into a gallon container. Did the container overflow?

yes    no

13 Josh bought a gallon of milk at the store and gave a pint to each of his 8 friends. Was there any milk left for him?

yes    no

14 Matt filled a quart container halfway. How many more cups did he need to fill the container completely?

\_\_\_\_\_ cups

15 **Challenge** Cindy had 2 gallons of milk to make smoothies. Each smoothie used 2 cups of milk. How many smoothies could she make?

\_\_\_\_\_ smoothies

16 **Challenge** June needed 7 quarts of juice, but the store sold only liter containers. How many liters should she buy?

\_\_\_\_\_ liters

# Computing Amounts of Liquid

NCTM Standards 1, 2, 6, 7, 8, 9, 10

Complete the table.

<b>1</b>	<b>Gallons</b>	0	1	2	3	4	5
	<b>Quarts</b>	0	4	8			

<b>2</b>	<b>Quarts</b>	1	2	3	5	8	13
	<b>Pints</b>	2	4				

<b>3</b>	<b>Quarts</b>	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3
	<b>Cups</b>		4				

Fill in the blanks. Use the above tables to help you.

**4** 2 quarts + 2 quarts = \_\_\_\_\_ quarts  
 2 quarts + 2 quarts = \_\_\_\_\_ gallon

**5** 3 pints + 1 pint = \_\_\_\_\_ pints  
 3 pints + 1 pint = \_\_\_\_\_ quarts

**6** 1 gallon = \_\_\_\_\_ quarts  
 1 gallon - 1 quart = \_\_\_\_\_ quarts

**7** 1 quart  $\times$  8 = \_\_\_\_\_ quarts  
 1 quart  $\times$  8 = \_\_\_\_\_ gallons

**8** 2 quarts = \_\_\_\_\_ pints  
 2 quarts - 1 pint = \_\_\_\_\_ pints

**9** 1 gallon  $\times$  3 = \_\_\_\_\_ gallons  
 1 gallon  $\times$  3 = \_\_\_\_\_ quarts

**Complete the table.**

<b>10</b>	<b>Gallons</b>	1	2	3	4	5	6
	<b>Quarts</b>	4					
	<b>Pints</b>	8					
	<b>Cups</b>	16					



**11** Write a word problem that can be solved using the table above. Then solve it.

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**Fill in the blanks. Use the above table to help you.**

**12**  $\frac{1}{2}$  gallon = \_\_\_\_\_ quarts

$\frac{1}{2}$  gallon = \_\_\_\_\_ pints

2 cups  $\times$  4 = \_\_\_\_\_ pints

2 pints  $\div$  2 = \_\_\_\_\_ cups

5 pints  $-$  2 cups = \_\_\_\_\_ cups

$\frac{1}{2}$  quart = \_\_\_\_\_ pint

8 quarts  $\div$  2 = \_\_\_\_\_ gallon

1 gallon  $-$  1 cup = \_\_\_\_\_ cups

<b>13</b>	<b>Liters</b>	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3
	<b>Milliliters</b>		1,000				

**14 Challenge**

1 liter  $-$   $\frac{1}{2}$  liter = \_\_\_\_\_ mL

**15 Challenge**

2,500 mL + 1 liter = \_\_\_\_\_ mL

**16 Challenge**

3 liters  $\div$  2 = \_\_\_\_\_ mL

**17 Challenge**

2,000 mL  $\times$  2 = \_\_\_\_\_ liters



# Measuring Weight in Ounces, Pounds, and Tons

NCTM Standards 1, 2, 6, 7, 8, 9, 10

Complete the tables.

<b>1</b>	<b>Pounds</b>	1	2	3	4	5	6	7	8	9	10
	<b>Ounces</b>	16									

<b>2</b>	<b>Pounds</b>	0	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$
	<b>Ounces</b>	0	8								

<b>3</b>	<b>Pounds</b>	0	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$
	<b>Ounces</b>	0	4								

<b>4</b>	<b>Tons</b>	1	2	3	4	5	6	7	8	9	10
	<b>Pounds</b>	2,000									

<b>5</b>	<b>Tons</b>	0	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$
	<b>Pounds</b>										

<b>6</b>	<b>Tons</b>	0	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$
	<b>Pounds</b>										

- 7 Decide whether you would measure the weight of each item in ounces, pounds, or tons. Then write the name of the item in the correct column below.

Pencil	Lamp	Package
Statue of Liberty	Car	Dog
Apple	Light bulb	Pad of paper
Whale	Chair	Desk
Refrigerator	Newspaper	Fire truck

Ounces	Pounds	Tons
Pencil		

- 8 **Challenge** Explain how you chose where to write package.

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# Measuring Weight in Grams and Kilograms

NCTM Standards 1, 2, 6, 7, 8, 9, 10

Complete the tables.

<b>1</b>	<b>Kilograms</b>	1	2	3	5	8	10	12	15
	<b>Grams</b>	1,000							

<b>2</b>	<b>Kilograms</b>	0	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$
	<b>Grams</b>	0	500						

<b>3</b>	<b>Kilograms</b>		$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$			$3\frac{3}{4}$	
	<b>Grams</b>	0			750	1,000	2,250		5,500

<b>4</b>	<b>Yards</b>	1	2	3	5	10		$\frac{5}{6}$	$1\frac{1}{6}$
	<b>Feet</b>	3					$4\frac{1}{2}$		
	<b>Inches</b>	36						30	42

<b>5</b>	<b>Hours</b>	0	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$
	<b>Minutes</b>	0		60					
	<b>Seconds</b>	0		3,600					

**Solve.**

- 6 If a paper clip weighs about 1 gram, about how much do 273 paper clips weigh?

\_\_\_\_\_

- 7 If 3,016 large paper clips weigh about 6 kilograms, about how much does 1 large paper clip weigh?

\_\_\_\_\_

- 8 There are 250 paper clips in a box. Each box weighs  $\frac{1}{4}$  of a kilogram.

How many boxes weigh  $3\frac{1}{2}$  kilograms? \_\_\_\_\_

How many boxes weigh 7 kilograms? \_\_\_\_\_

How many boxes weigh 70 kilograms? \_\_\_\_\_

- 9 Could a car weigh 5 kilograms?

\_\_\_\_\_



- 10 Could a book weigh 5 kilograms?

\_\_\_\_\_



- 11 Challenge** A kilogram is a little heavier than 2 pounds. Write  $<$ ,  $>$ , or  $=$ .

2 kilograms  4 pounds

3 kilograms  10 pounds

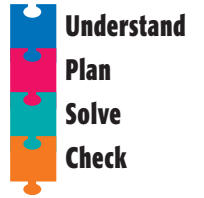
3 kilograms  3 pounds

$5\frac{1}{2}$  kilograms  10 pounds

# Problem Solving Strategy

## Look for a Pattern

NCTM Standards 1, 2, 6, 7, 8, 9, 10



- 1 Rita measured the temperature in degrees Fahrenheit ( $^{\circ}\text{F}$ ) for several days. Her teacher, Mr. Chang, changed her measurements to a made-up unit called degrees Zonk ( $^{\circ}\text{Z}$ ). Complete the table.

$^{\circ}\text{F}$	32	50	68	86	
$^{\circ}\text{Z}$	0	10	20		40

How did you complete the table?

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- 2 Wendy invented her own unit of measurement called the gool. She made a table of some measurements, and then converted them into inches. Complete the table.

	Paper	Crayon	Pencil	Water Bottle	Finger
Gools	104	52	65		39
Inches	8		5	9	3

# Problem Solving Test Prep

Choose the correct answer.

- 1 Rolls at the bakery are priced as shown in the table. If the pattern continues, how much would 10 rolls cost?

Rolls	1	2	3	4
Cost	\$0.50	\$0.75	\$1.00	\$1.25

- A. \$2.00                      C. \$2.50  
B. \$2.25                      D. \$2.75

- 2 How many more faces does a rectangular prism with a square base have than a pyramid with a square base?

- A. 1  
B. 2  
C. 3  
D. 4

## Show What You Know

Solve each problem. Explain your answer.

- 3 There are 10 sandwiches on a plate. They have either turkey or salami or both. Four of the sandwiches have turkey, and 8 have salami. How many have both? Explain how you found your answer.

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- 4 In the pattern shown below, you can find the sum of each row.

		1		Row 1
	1		1	Row 2
	1	2	1	Row 3
1	3	3	1	Row 4

Describe the pattern you see in the sums of the first 4 rows. If the pattern continues, what will be the sum of Row 8? Explain how you decided.

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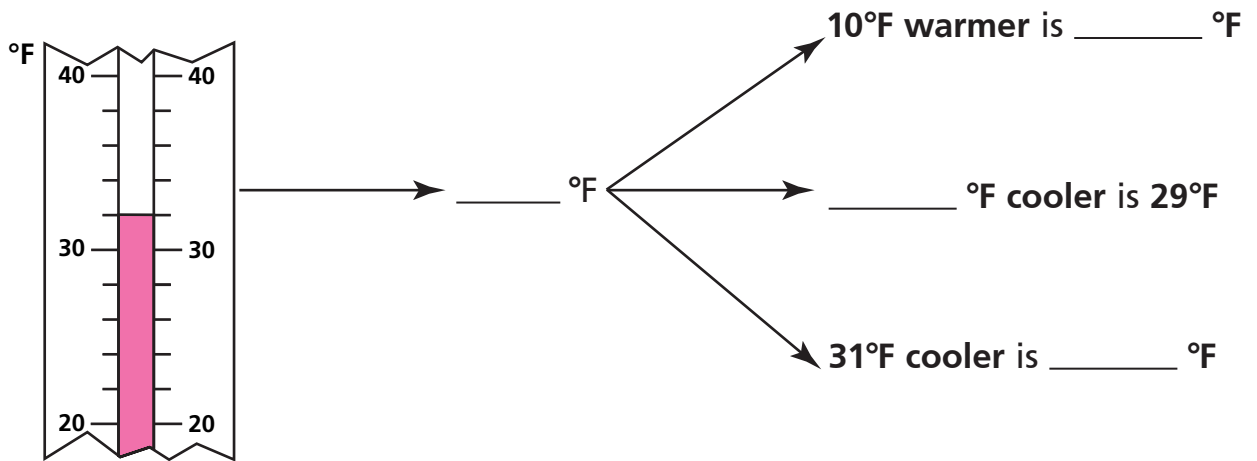
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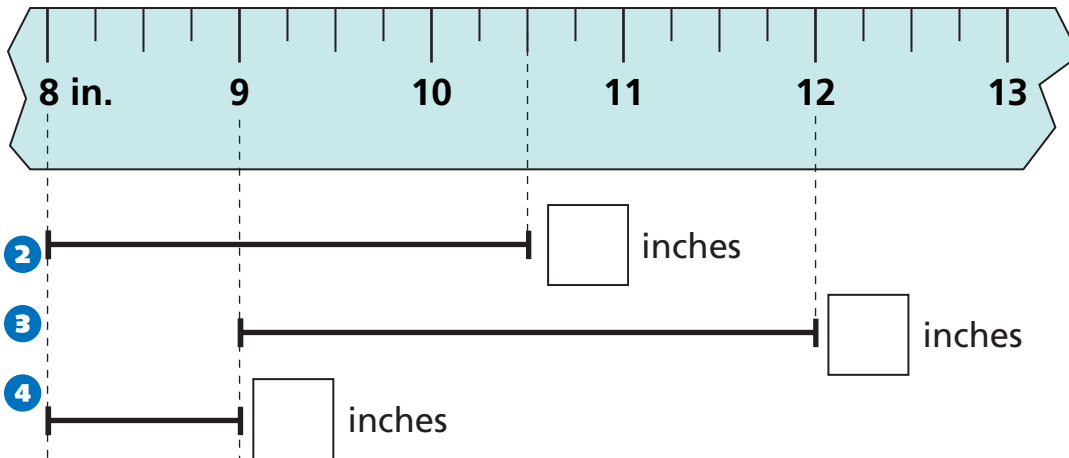
## Review/Assessment

NCTM Standards 1, 2, 6, 7, 8, 9, 10

1 Write the temperatures. *Lesson 2*



Measure each length. *Lesson 3*



5 Complete the table. *Lesson 5*

Centimeters		300			600		250	10,000
Meters	1	3	5	10		$1\frac{1}{2}$		

**Find the missing numbers to make each statement true.** Lessons 1, 4, 6, 9

6  $\$3.00 \div 3 = \underline{\hspace{1cm}}$  quarters

7 3 weeks =  $\underline{\hspace{1cm}}$  days

3 weeks – 9 days =  $\underline{\hspace{1cm}}$  days

8 4 inches  $\times 3 = \underline{\hspace{1cm}}$  inches

4 inches  $\times 3 = \underline{\hspace{1cm}}$  foot

9 9 inches  $\times 4 = \underline{\hspace{1cm}}$  inches

9 inches  $\times 4 = \underline{\hspace{1cm}}$  yard(s)

10 2 kilograms =  $\underline{\hspace{1cm}}$  grams

2 kilograms  $\div 2 = \underline{\hspace{1cm}}$  grams

11 25 centimeters  $\times 12 = \underline{\hspace{1cm}}$  cm

25 centimeters  $\times 12 = \underline{\hspace{1cm}}$  meters

12 It was  $56^{\circ}\text{F}$  when Erin got up for school. When she got home from school, she noticed the temperature had increased 12 degrees. What did the thermometer read after school?

Lesson 2

- A.  $12^{\circ}\text{F}$                       C.  $70^{\circ}\text{F}$   
B.  $44^{\circ}\text{F}$                       D.  $68^{\circ}\text{F}$

13 Manny has  $\$2.10$ . He buys a ruler for 5 dimes. How much does he have left? Lesson 1

- A.  $\$1.00$                       C.  $\$1.60$   
B.  $\$1.50$                       D.  $\$1.70$

14 A brick wall has 40 bricks on the first layer, 36 bricks on the second layer and 32 in the third layer. If the pattern continues, how many bricks will be on the fifth layer? Lesson 11

- A. 44 bricks  
B. 28 bricks  
C. 24 bricks  
D. 20 bricks