Versa Tiles

Math

Measurement and Data

Time, Money, and Analysis

ETA hand2mind

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16 17 18 19 20 21 22 9 8 7 6 5 4 3 2 1

Take Five

Example

What time is it?

The big hand is on the 4.

Count by 5s to find the minutes:
5, 10, 15, 20.

It is **5:20**.

What time is it?

1

2

3

4

5

6

7

8

9

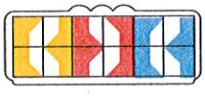
10

11

12

A	B	C	D	E	F
2:10	6:35	10:40	1:35	6:05	12:55
1:15	10:20	7:50	7:40	2:30	12:25
G	H	I	J	K	L

Objective: Tell time to five minutes, using an analog clock.



Five More Minutes

Example

What time is it?

Say, "The time is 40 minutes after 4."

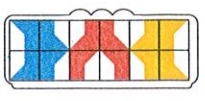
4:40

What time is it?

1. 4:55
2. 7:15
3. 1:20
4. 5:05
5. 9:30
6. 2:10
7. 9:05
8. 2:50
9. 4:25
10. 5:15
11. 7:35
12. 1:45

A	B	C	D	E	F
10 minutes after 2	50 minutes after 2	35 minutes after 7	30 minutes after 9	5 minutes after 9	55 minutes after 4
45 minutes after 1	15 minutes after 7	20 minutes after 1	25 minutes after 4	5 minutes after 5	15 minutes after 5
G	H	I	J	K	L

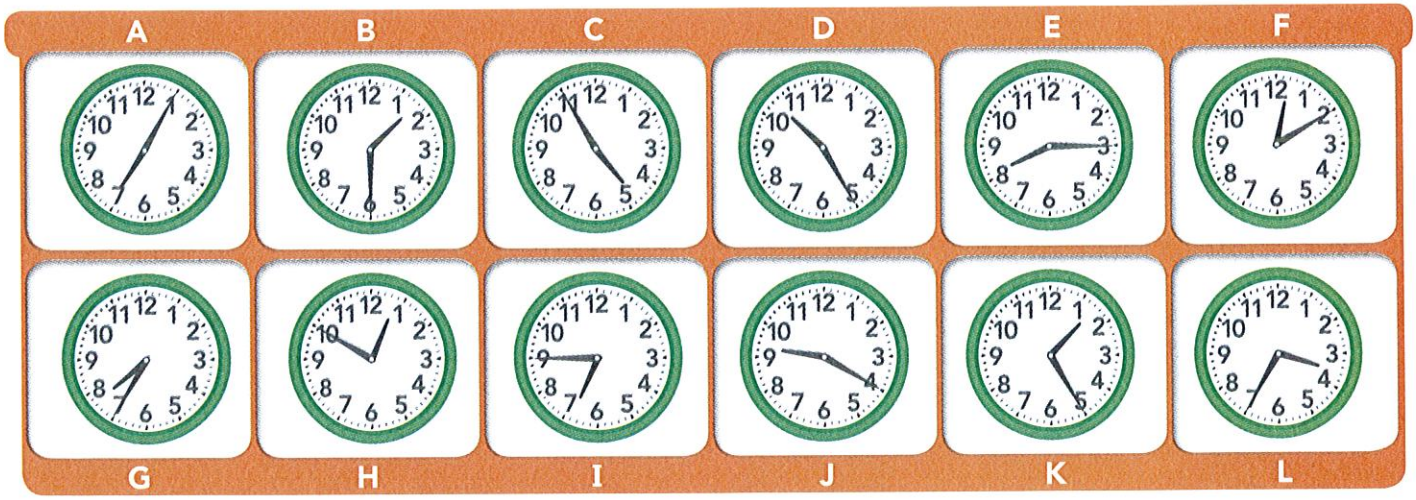
Objective: Tell time to five minutes, using a digital clock.



Time to Go

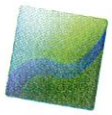
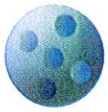
What time is it?

1. 1:25
2. 12:50
3. 4:55
4. 3:35
5. 6:45
6. 7:35
7. 8:15
8. 7:05
9. 10:25
10. 12:10
11. 9:20
12. 1:30



Objective: Tell time to five minutes, using an analog clock.

Solve with Tables

Bead Sale	
	25¢
	50¢
	75¢
	$1.00

Use the table. Find the answer.

1. What is the cost of a round bead?
2. Which bead costs the most?
3. Which bead costs the least?
4. What is the cost of a triangle bead?
5. Jim has one quarter. Can he buy a round bead?
6. Lee has $2.00. How many rectangle beads can she buy?
7. How much more than a quarter does a round bead cost?

8 Which costs more, a round bead or a square bead?

9 Which costs less, a rectangle bead or a triangle bead?

10 Is 50¢ enough money to buy 2 square beads?

11 How much does a rectangle bead and a round bead cost?

12 Pablo has 3 dimes. He wants to buy a round bead. How much more money does he need?

A	B	C	D	E	F
Yes	25¢	20¢	Round bead	$1.50	No
75¢	50¢	2	Rectangle bead	Square bead	Triangle bead
G	H	I	J	K	L

Objective: Use a table to solve problems that involve counting, ordering, and comparing amounts of money.

Morning, Noon, and Night

Find the time.

1. The sun rises at ■.
   6:00 A.M. or 6:00 P.M.

2. Ken wakes up at ■.
   7:00 A.M. or 7:00 P.M.

3. The baby takes a nap at ■.
   2:00 A.M. or 2:00 P.M.

4. The girls play outside at ■.
   5:00 A.M. or 5:00 P.M.

5. The middle of the night is ■.
   2:00 A.M. or 2:00 P.M.

6. Clara eats dinner at ■.
   6:00 A.M. or 6:00 P.M.

Tip

P.M. starts at noon and ends at midnight.

7 Mike eats breakfast at ■.
8:00 A.M. or 8:00 P.M.

8 The sun sets at ■.
7:00 A.M. or 7:00 P.M.

9 Emma is in bed at ■.
4:00 A.M. or 4:00 P.M.

10 Nina goes to bed at ■.
8:00 A.M. or 8:00 P.M.

11 You are still sleeping at ■.
5:00 A.M. or 5:00 P.M.

12 The children play ball at ■.
4:00 A.M. or 4:00 P.M.

A	B	C	D	E	F
7:00 P.M.	4:00 P.M.	8:00 P.M.	8:00 A.M.	5:00 A.M.	2:00 A.M.
6:00 P.M.	7:00 A.M.	5:00 P.M.	6:00 A.M.	2:00 P.M.	4:00 A.M.
G	H	I	J	K	L

Objective: Identify events as occurring in A.M. or P.M.

Find the Time

Example

What time is it?

The minute hand is on the 3.

Count by 5s to find the time:
5, 10, 15.

It is **4:15**.

What time is it?

1

2

3

4

5

6

7

8

9

10

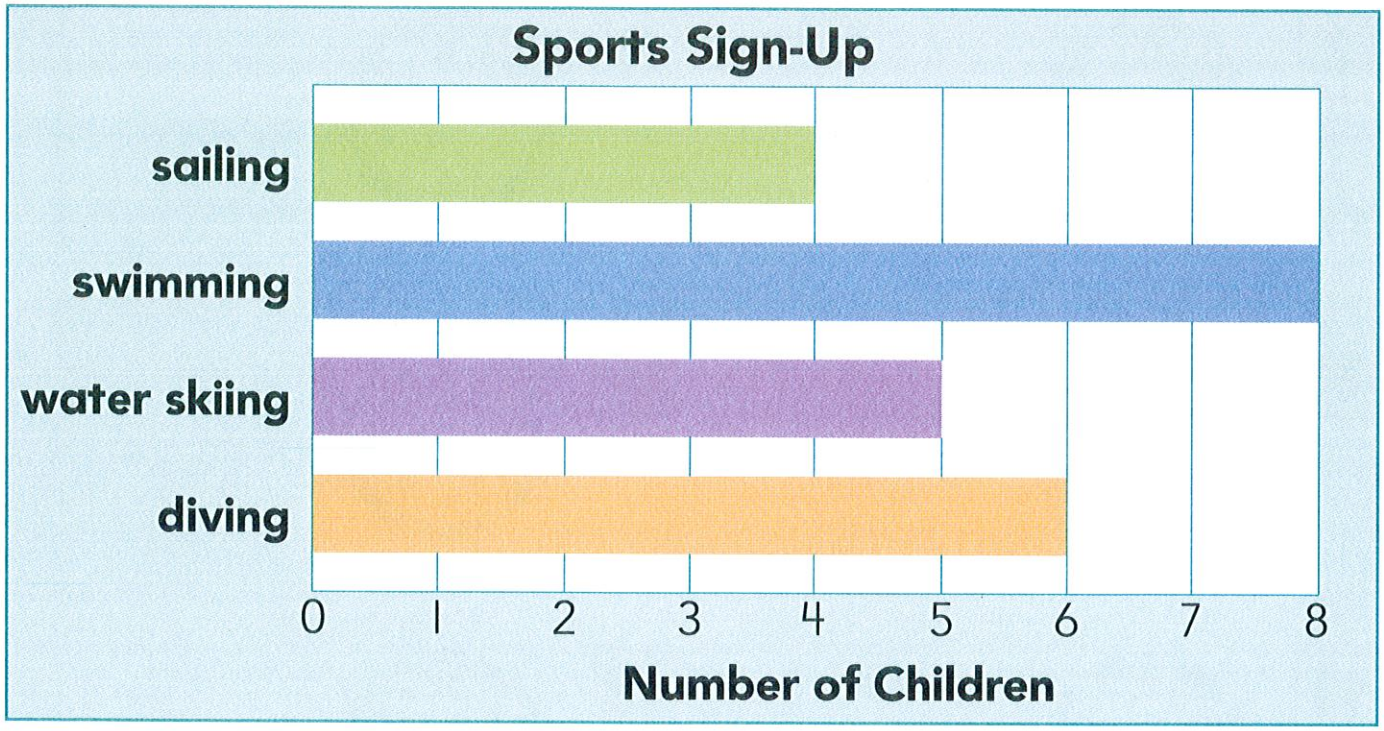
11

12

A	B	C	D	E	F
3:25	10:35	12:25	6:20	5:15	8:55
9:20	4:45	2:35	10:20	7:10	8:30
G	H	I	J	K	L

Objective: Tell time to five minutes, using an analog clock.

Water Sports



How many children signed up for:

1. swimming?
2. sailing?
3. diving?
4. all of the water sports?
5. sailing and swimming?
6. swimming, water skiing, and diving?

How many more children signed up for:

7 swimming than diving?

8 water skiing than sailing?

Find the answer.

9 Did more children sign up for swimming or sailing?

10 Did fewer children choose swimming or diving?

11 Which sport is least popular?

12 Which sport did 5 children sign up for?

A	B	C	D	E	F
sailing	12	2	diving	water skiing	1
6	swimming	23	8	4	19
G	H	I	J	K	L

Objective: Interpret and compare data displayed in a horizontal bar graph.

Pennies and Nickels

How much money do you have?

1 1 nickel and 2 pennies

2 2 nickels and 3 pennies

3 1 nickel and 3 pennies

4 3 nickels and 3 pennies

5 5 nickels and no pennies

6 2 nickels and 1 penny

7 3 nickels and 4 pennies

8 5 nickels and 1 penny

9 4 nickels and 4 pennies

10 2 nickels and 4 pennies

11 3 nickels and 2 pennies

12 3 nickels and no pennies

A	B	C	D	E	F
18¢	7¢	13¢	15¢	8¢	24¢
14¢	19¢	26¢	11¢	17¢	25¢
G	H	I	J	K	L

Objective: Solve problems using nickels and pennies.

A.M. or P.M.

What time is it when it is daytime?

1. 2:45

2.

3.

4. 9:40

5. 11:55

6.

What time is it when it is nighttime?

7 1:20

8

9 3:15

10

11 11:55

12

A	B	C	D	E	F
11:35 P.M.	1:20 P.M.	1:20 A.M.	2:45 A.M.	3:15 A.M.	11:55 A.M.
4:30 P.M.	10:45 P.M.	2:45 P.M.	9:40 A.M.	11:55 P.M.	3:15 P.M.
G	H	I	J	K	L

Objective: Tell time to five minutes, including A.M. or P.M.

Using Pictographs

Molly collects pennies from different years.

Molly's Penny Collection	
1963	
1985	
1994	
1996	
2007	
Each = 1 penny.	

Use the table. Find the answer.

1. How many 1994 pennies does Molly have?

2. From which year does Molly have the most pennies?

3. How many 1985 pennies does Molly have?

4. From which year does Molly have 4 pennies?

5. How many 1963 pennies does Molly have?

6 Molly finds another 1963 penny. How many does she have now?

7 How many 1996 pennies does Molly have?

8 Does Molly have more 1985 pennies or 2007 pennies?

9 How many 1994 and 1985 pennies does Molly have in all?

10 Does Molly have more 1994 pennies or 2007 pennies?

11 How many 1963 and 1994 pennies does Molly have in all?

12 How many 1996 and 2007 pennies does Molly have in all?

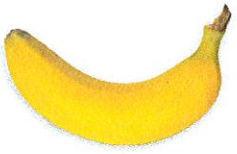
A	B	C	D	E	F
10	1994	7	13	14	1985
2007	6	5	11	8	1996
G	H	I	J	K	L

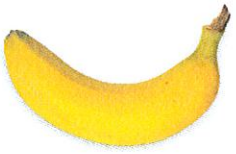
Objective: Solve problems by reading and interpreting a pictograph.

Snack Time

Find the cost.

Pine Street School Snack Menu	
	25¢
	$1.00
	75¢
	15¢

1 

2 

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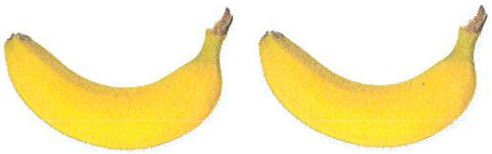
4

5

6

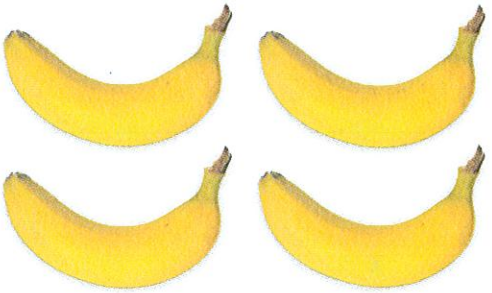
7



8

9

10



11

12

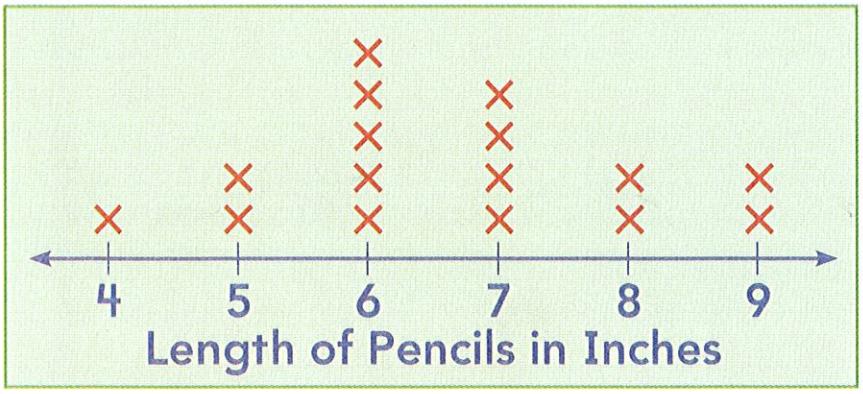
A	B	C	D	E	F
50¢	$1.00	30¢	45¢	$1.75	$2.00
25¢	15¢	75¢	$1.15	$1.25	90¢
G	H	I	J	K	L

Objective: Match a purchase with the amount of money needed to buy it.

Line Plot Measuring

Solve.

Our group measured our pencils and marked our results on a line plot.



1 What is the length of the most number of pencils?

2 What is the length of the least number of pencils?

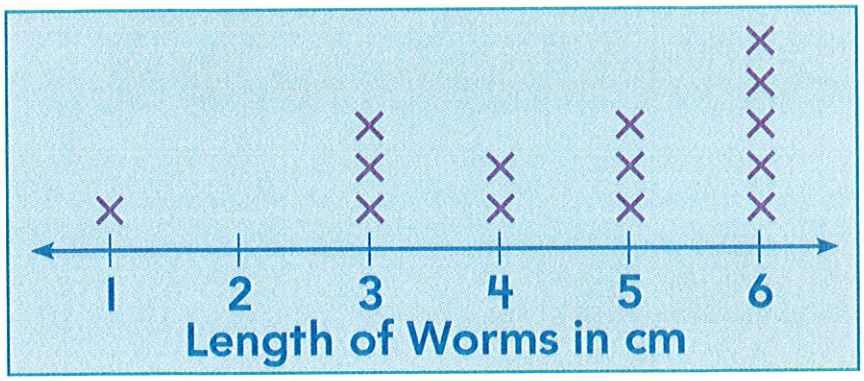
3 How many pencils did we measure?

4 How much longer is the longest pencil than the shortest pencil?

5 How many pencils are = or > 6 inches?

6 How many pencils are 7 inches long?

We measured the length of the worms in the compost bin and marked our results on a line plot.



7 How many worms are = or > 4 cm?

8 What is the length of the least number of worms?

9 How many worms are 3 cm?

10 How much longer is the longest worm than the shortest worm?

11 Which length has the most worms?

12 How many worms did we measure?

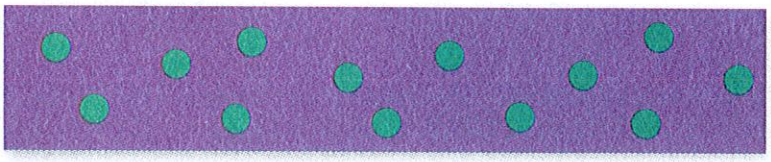
A	B	C	D	E	F
13	3	5 inches	6 inches	14	4 inches
16	6 cm	10	5 cm	4	2 cm
G	H	I	J	K	L

Objective: Use line plots of measurement data to solve problems.

A Blue Ribbon Day

Use a ruler.
Measure to the nearest inch.

1

2 

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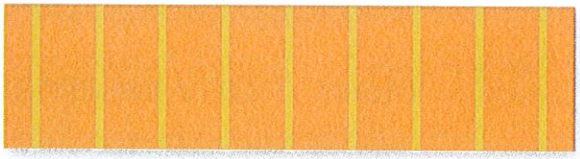
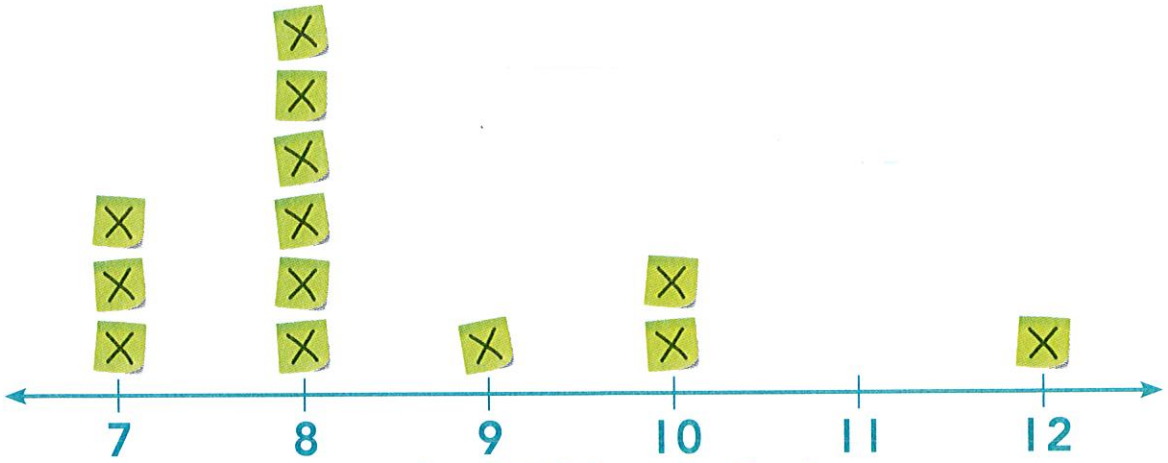
4 

5

6

Use the line plot to solve.



7 How many ribbons are 7 or 8 inches?

8 Which length has the most ribbons?

9 How many ribbons are more than 9 inches?

10 How many ribbons are equal to 10 inches?

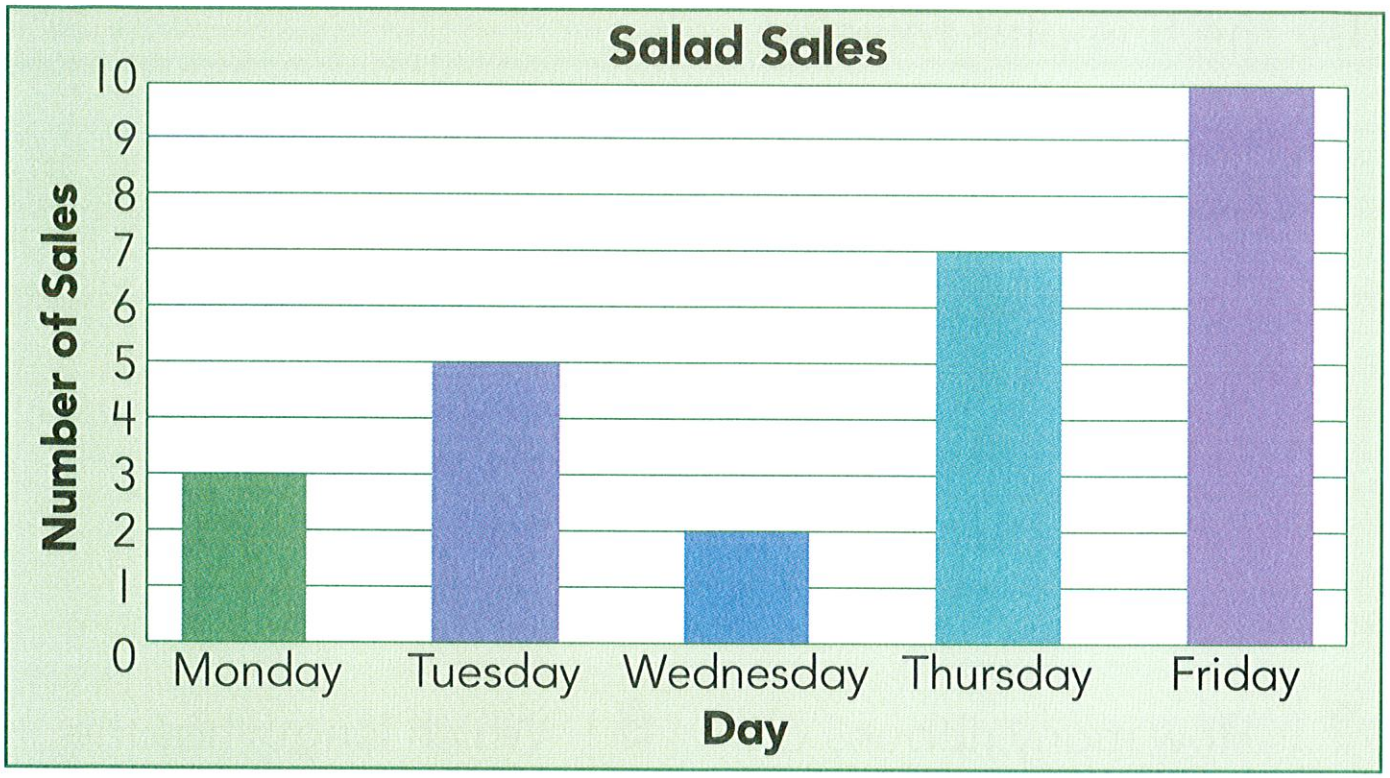
11 Which length has the least ribbons?

12 How many ribbons were measured?

A	B	C	D	E	F
4 inches	5 inches	2	9	3	2 inches
8 inches	13	6 inches	3 inches	11 inches	1 inch
G	H	I	J	K	L

Objective: Measure length and use a line plot to solve problems.

The Story on Salads



How many salads were sold on:

1. Friday?
2. Tuesday?
3. Monday?
4. Thursday?
5. Tuesday and Thursday?
6. Tuesday, Wednesday, and Friday?

Tip

Graphs are labeled to give clear information.

How many more salads were sold on:

7. Thursday than on Tuesday?
8. Friday than on Wednesday?

On which day:

9 did people buy between 6 and 8 salads?

10 were the greatest number of salads sold?

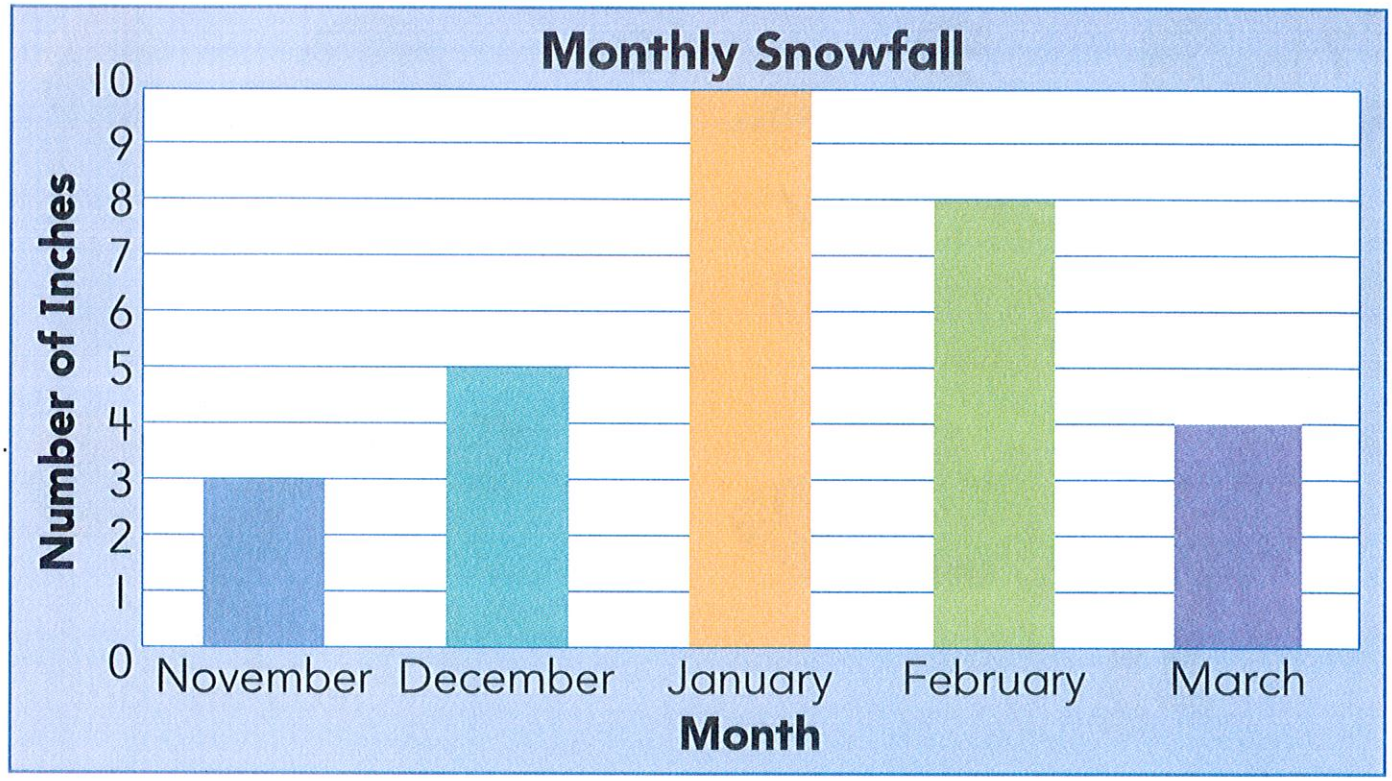
11 were the fewest salads sold?

12 were more salads sold, Monday or Wednesday?

A	B	C	D	E	F
10	2	Wednesday	12	8	17
Friday	7	Thursday	3	5	Monday
G	H	I	J	K	L

Objective: Interpret and compare data displayed in a vertical bar graph.

Let It Snow



How many inches of snow fell in:

1. March?
2. January?
3. November?
4. February?
5. December and January?
6. February and March?
7. January and February?
8. all, from November to March?

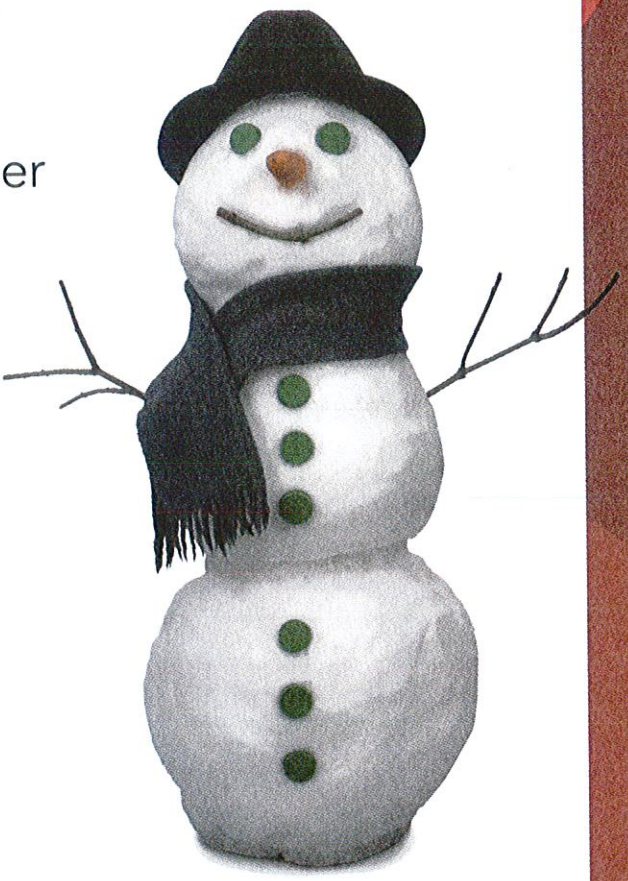
Find the answer.

9 Which month had the least snowfall?

10 Which month had the greatest snowfall?

11 Did more snow fall in November or March?

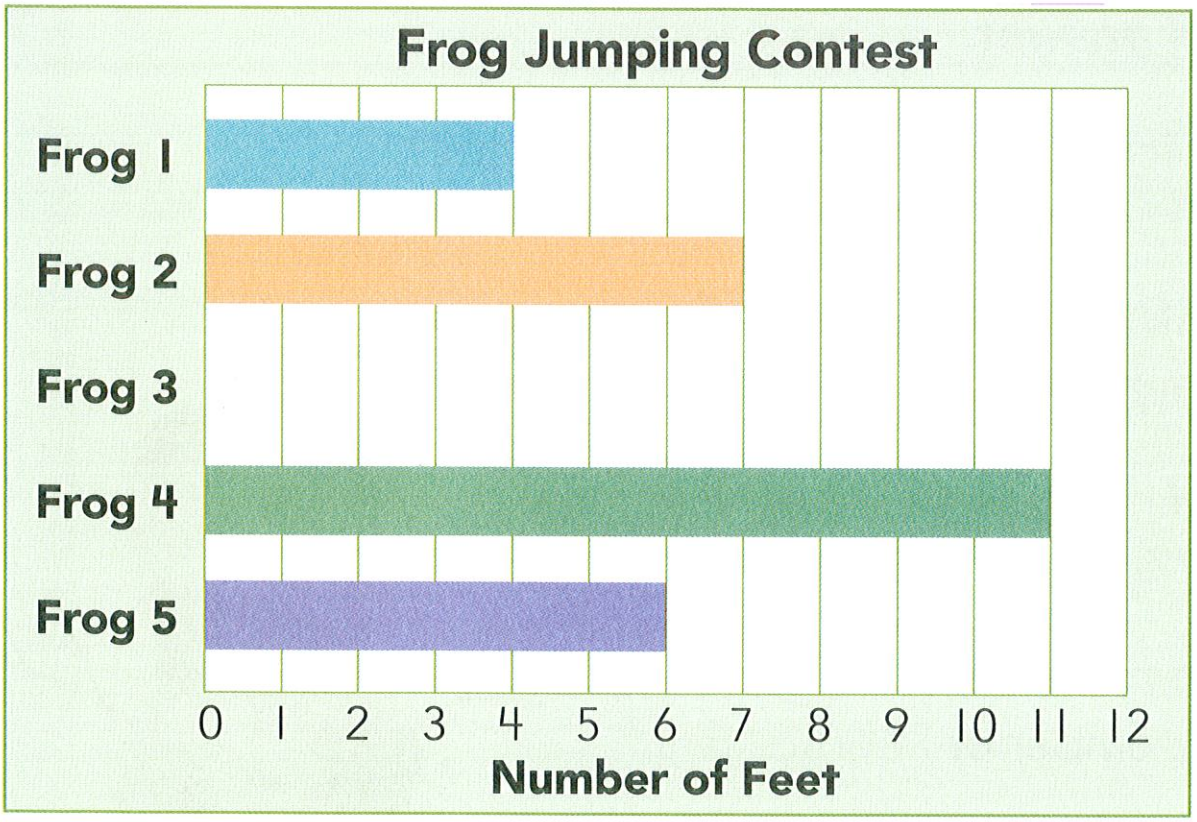
12 Did more snow fall in November or February?



A	B	C	D	E	F
3	November	10	12	4	8
March	15	30	February	18	January
G	H	I	J	K	L

Objective: Interpret and compare data displayed in a vertical bar graph.

Hop to It



How many feet did:

1. Frog 4 jump?
2. Frog 2 jump?
3. Frog 3 jump?
4. Frog 5 jump?

Find the answer.

5. How many more feet did Frog 4 jump than Frog 2?
6. How many more feet did Frog 5 jump than Frog 1?

7 Which frog jumped farther, Frog 2 or Frog 5?

8 How many more feet did Frog 4 jump than Frog 5?

9 Which frog did not jump?

10 Which frog won the contest?

11 Which frog made the shortest jump?

12 Which frog jumped farther than Frog 1, but not as far as Frog 2?

A	B	C	D	E	F
Frog 5	5	Frog 3	0	Frog 4	Frog 2
7	2	4	Frog 1	6	11
G	H	I	J	K	L

Objective: Interpret and compare data displayed in a horizontal bar graph.

Money Problems

How much money do you have?

1 one quarter and two nickels

2 three dimes and two nickels

3 one quarter, 3 dimes, and 3 pennies

4 two quarters and a nickel

5 three dimes and three nickels

6 two quarters and 1 penny

7 five dimes and three nickels

8 four quarters

9 six dollar bills and three quarters

10 six dollar bills and three dimes

11 2 quarters and 2 dimes

12 one dollar bill and three quarters

A	B	C	D	E	F
$1.00	$1.75	$6.75	58¢	$6.30	65¢
40¢	51¢	45¢	70¢	35¢	55¢
G	H	I	J	K	L

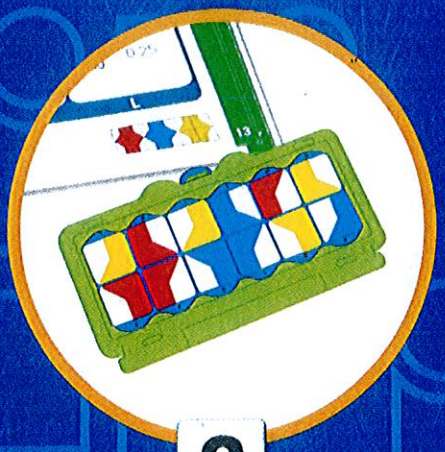
Objective: Solve problems involving money, including the $ and ¢ symbols.

Four simple steps to success with VersaTiles®.

Grade 2

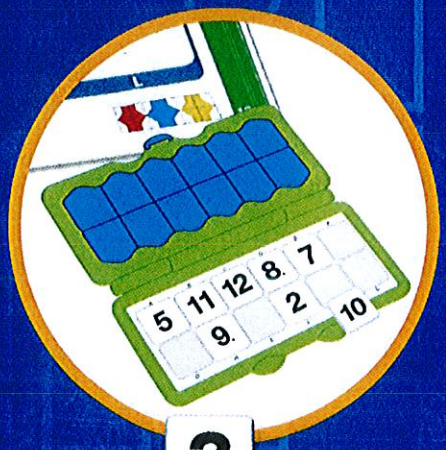
1

Answer questions



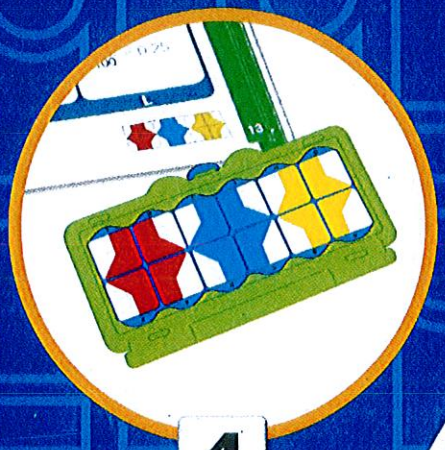
2

Flip and check



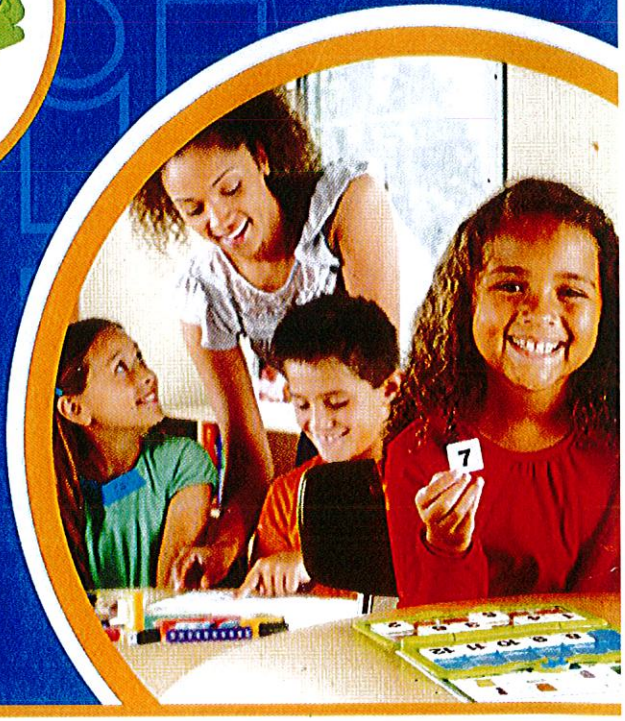
3

Open and self-correct



4

Match



Did you know...

- There are over 2,300 different answer patterns.
- You can write your own VersaTiles activities.
- You can practice at home.

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