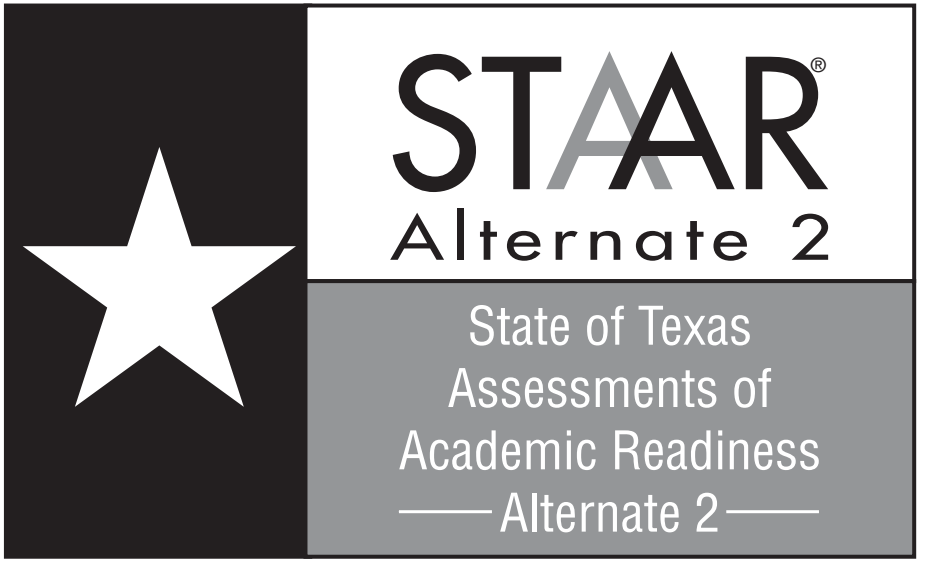

GRADE 8

Mathematics

STAAR Alternate 2

Administered April 2016

RELEASED

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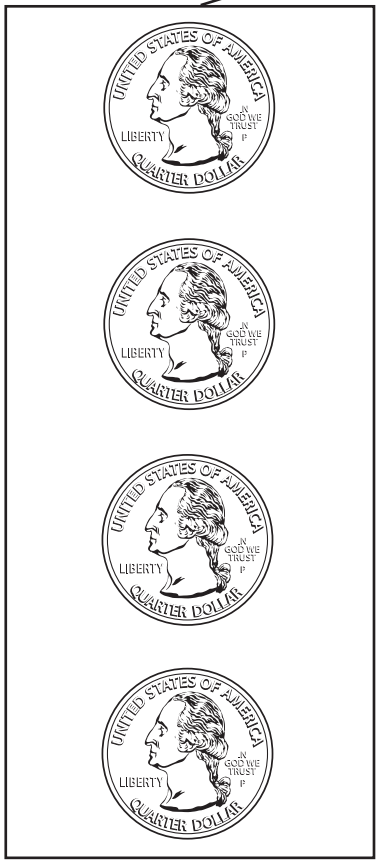
MATHEMATICS

1

FEDERAL RESERVE NOTE
THE UNITED STATES OF AMERICA
THIS NOTE IS NOT LEGAL TENDER FOR ALL DEBTS, PUBLIC AND PRIVATE
C00000000H
WASHINGTON, D.C.
C00000000H
SERIES 1995
ONE DOLLAR
= $1.00


UNITED STATES OF AMERICA
IN GOD WE TRUST
LIBERTY
QUARTER DOLLAR

LIBERTY
IN GOD WE TRUST
2003

2a

$3 . 60

FEDERAL RESERVE NOTE
THE UNITED STATES OF AMERICA
C00000000H
WASHINGTON, D.C.
ONE DOLLAR

FEDERAL RESERVE NOTE
THE UNITED STATES OF AMERICA
C00000000H
WASHINGTON, D.C.
ONE DOLLAR

FEDERAL RESERVE NOTE
THE UNITED STATES OF AMERICA
C00000000H
WASHINGTON, D.C.
ONE DOLLAR

LIBERTY
IN GOD WE TRUST
2003

2b

$3.60	$3.00

3a

FEDERAL RESERVE NOTE
THE UNITED STATES OF AMERICA
C00000000H
WASHINGTON, D.C.
ONE DOLLAR

FEDERAL RESERVE NOTE
THE UNITED STATES OF AMERICA
C00000000H
WASHINGTON, D.C.
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ONE DOLLAR

UNITED STATES OF AMERICA
IN GOD WE TRUST
LIBERTY
QUARTER DOLLAR

LIBERTY
IN GOD WE TRUST
2009

UNITED STATES OF AMERICA
IN GOD WE TRUST
LIBERTY
QUARTER DOLLAR

LIBERTY
IN GOD WE TRUST
2009

UNITED STATES OF AMERICA
IN GOD WE TRUST
LIBERTY
QUARTER DOLLAR

3b

$4.95

$5.95

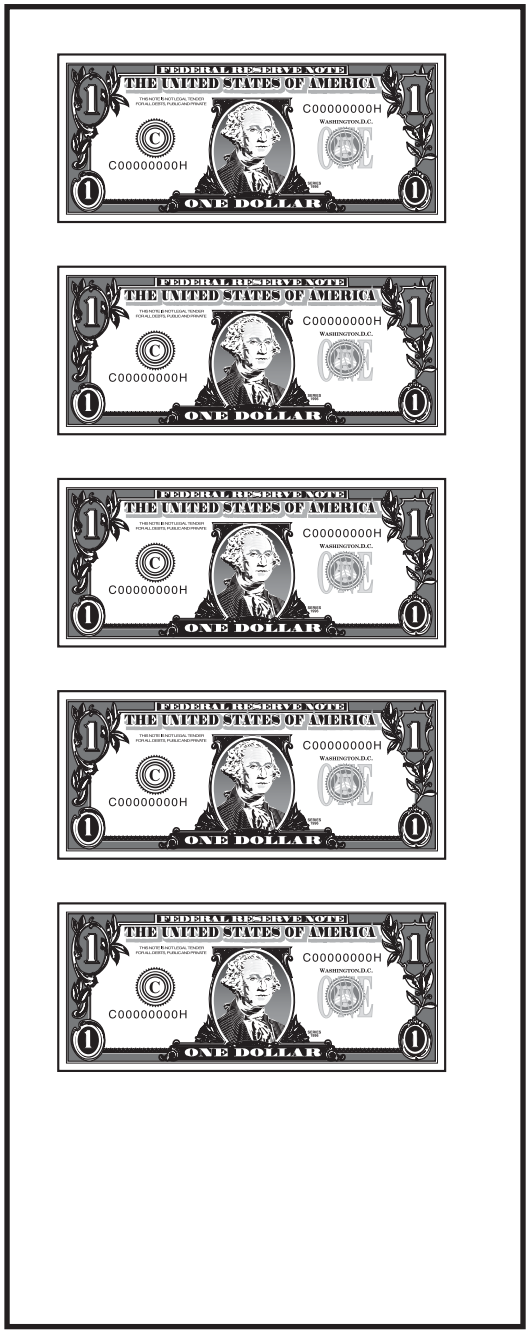
$5.75

4a

$3.10

$2.20

4b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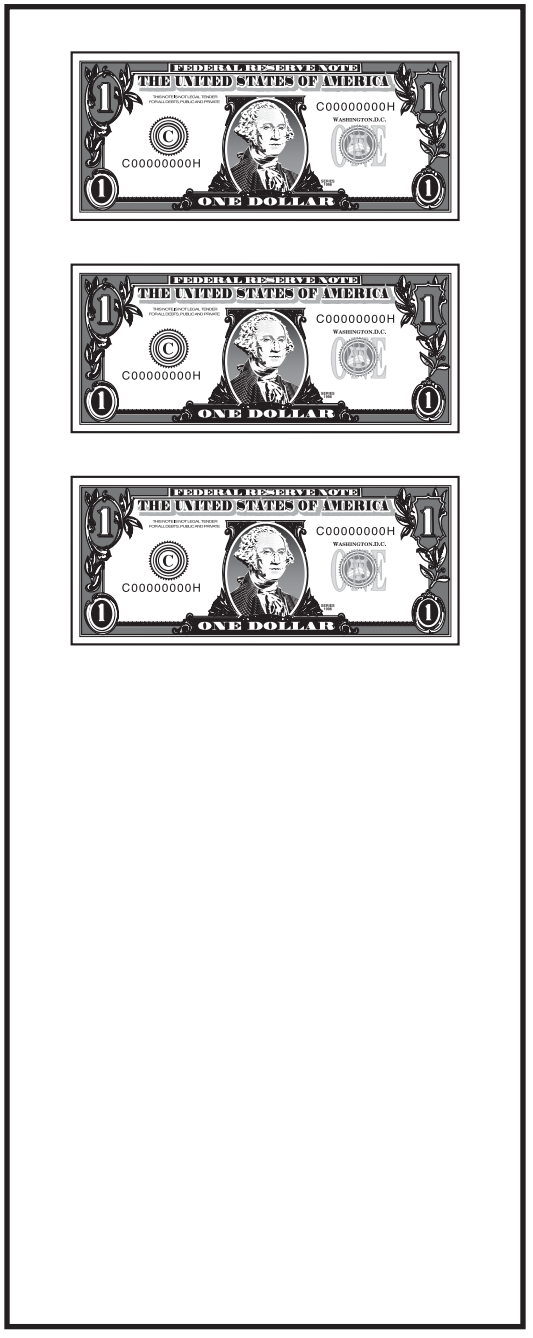
THE UNITED STATES OF AMERICA
C00000000H
WASHINGTON,D.C.
ONE DOLLAR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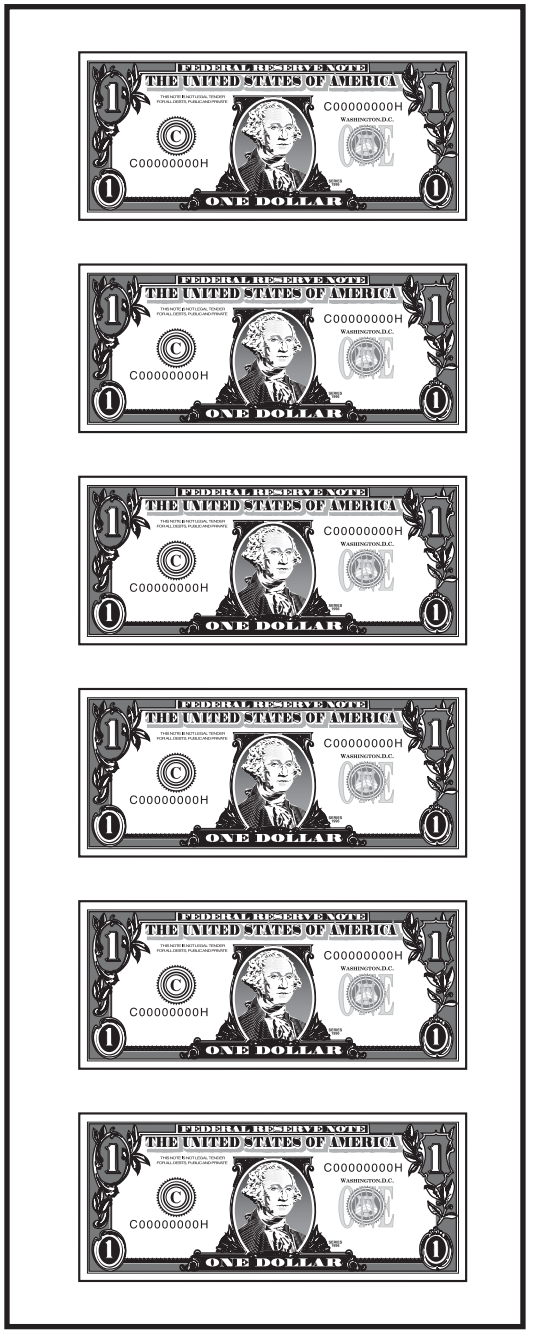
ONE DOLLAR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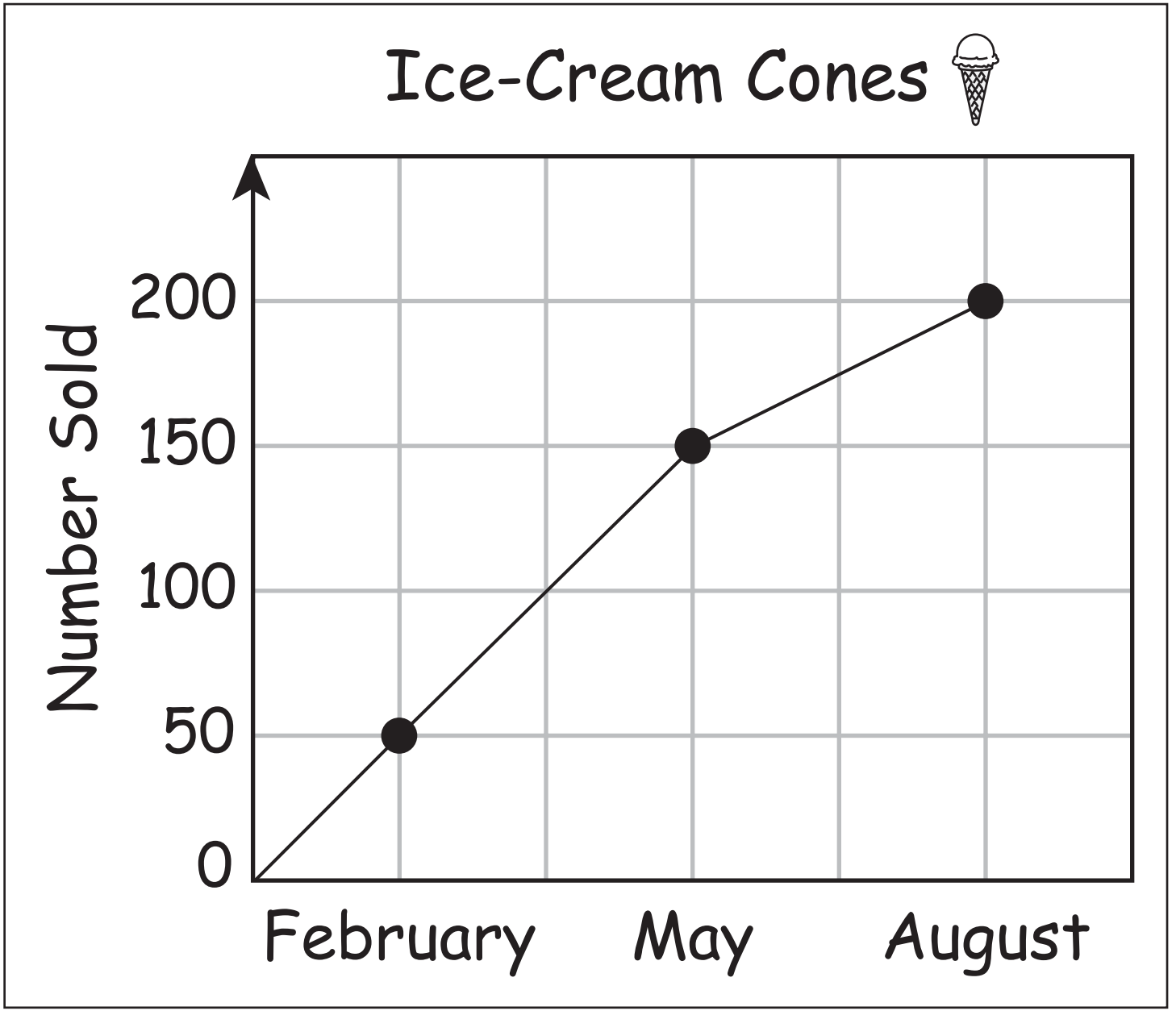
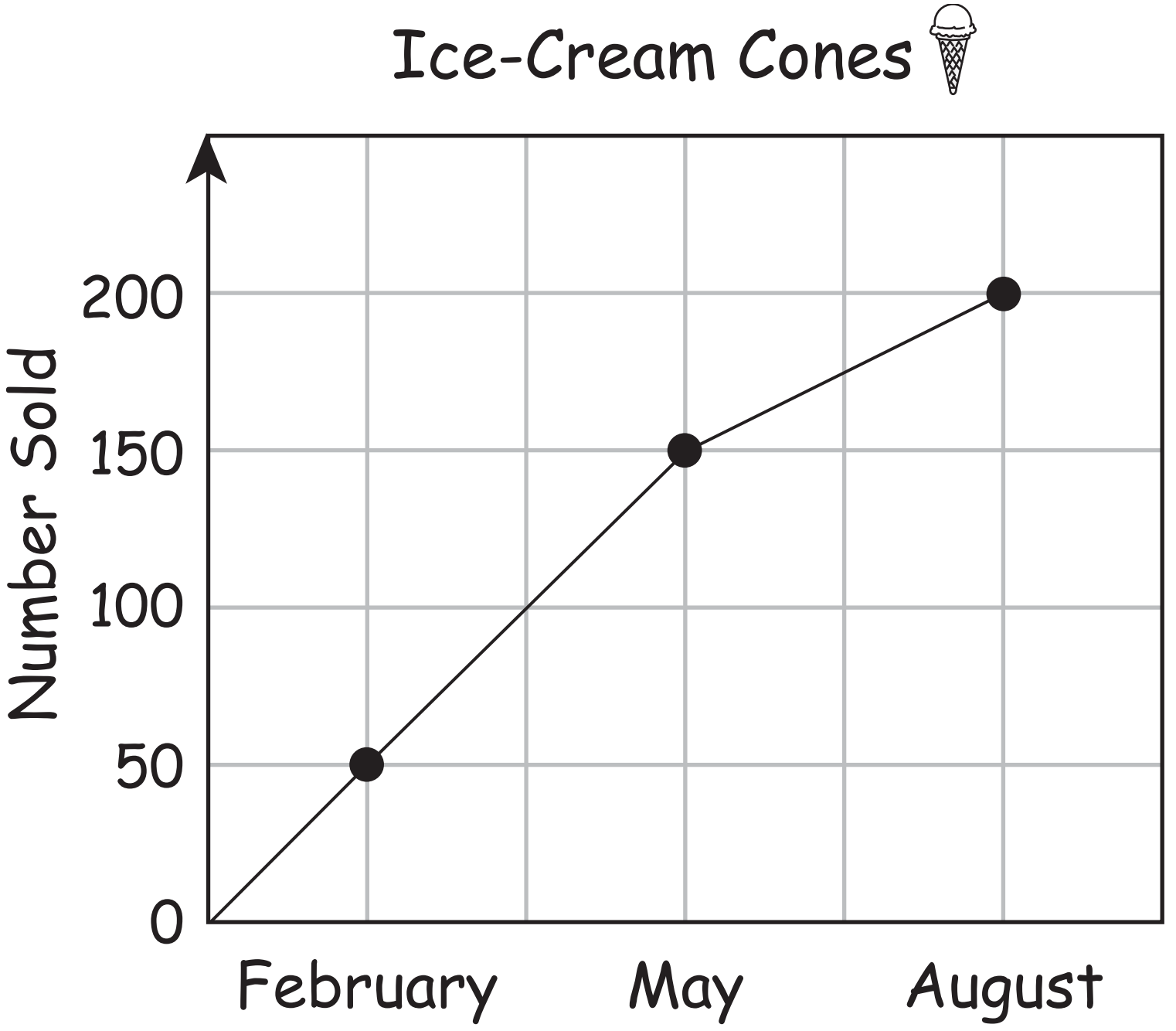
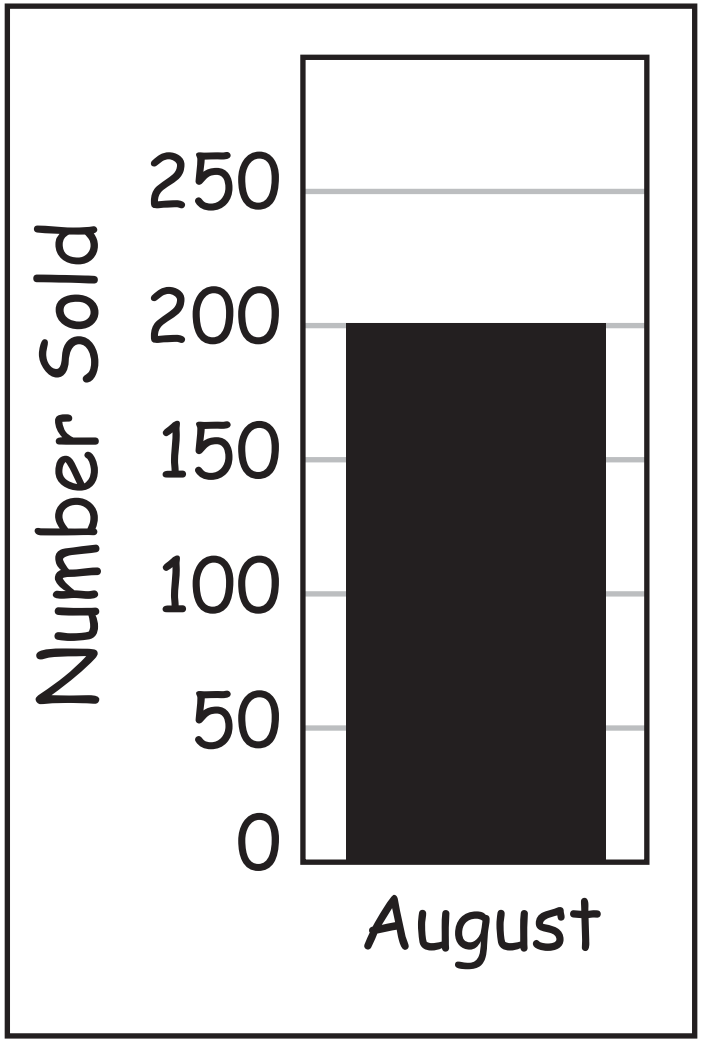
WASHINGTON,D.C.
ONE DOLLAR

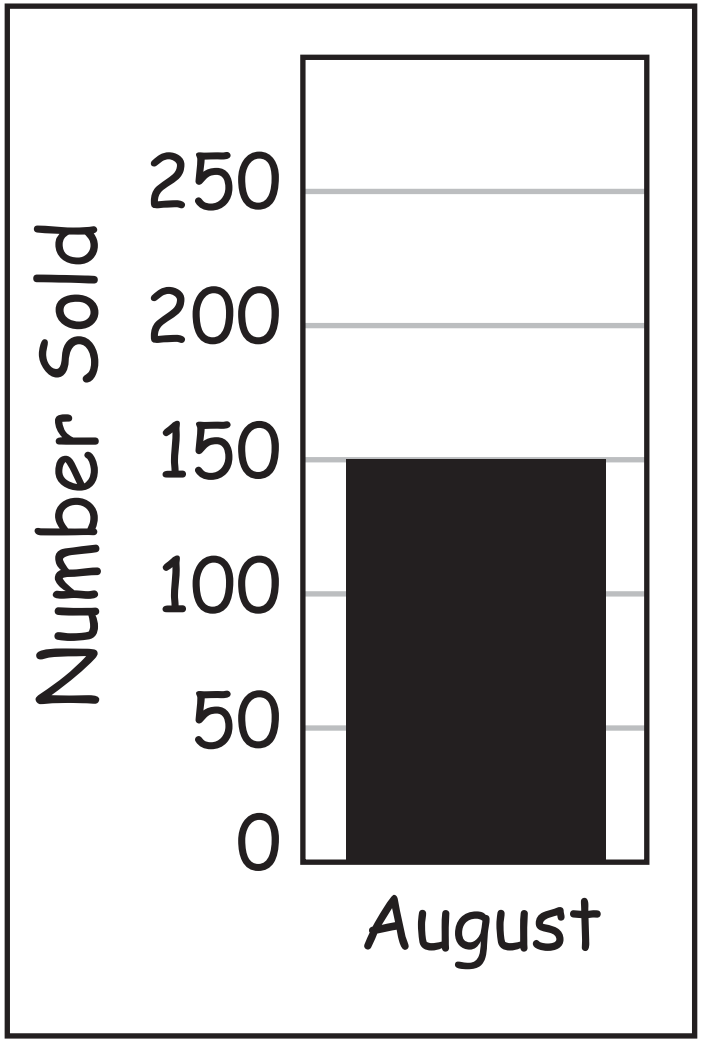

Ice-Cream Cones
Number Sold
200
150
100
50
0
February
May
August

6a

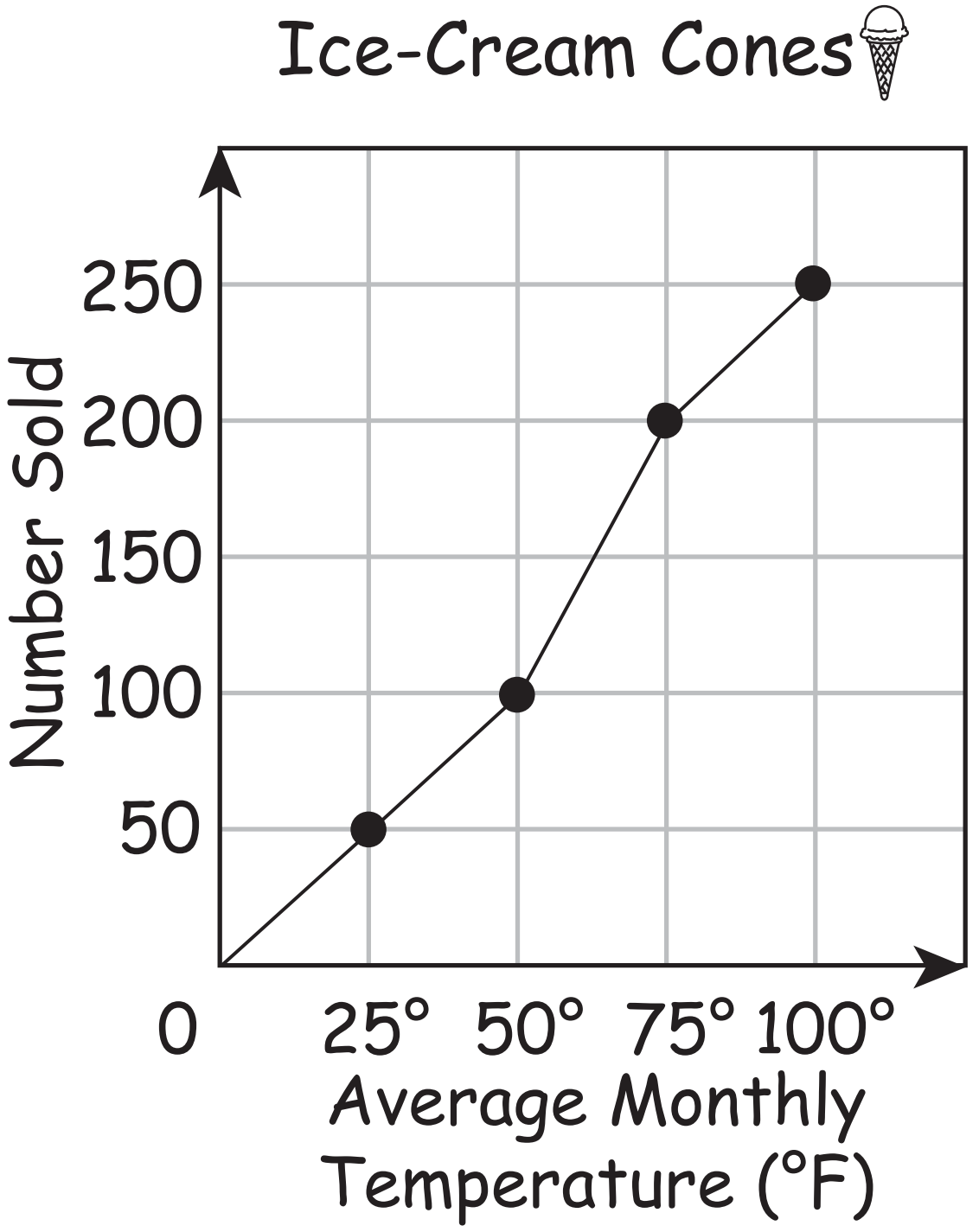

Ice-Cream Cones
Number Sold
200
150
100
50
0
February
May
August

6b


Number Sold
250
200
150
100
50
0
August


Number Sold
250
200
150
100
50
0
August

7a


Ice-Cream Cones
Number Sold
250
200
150
100
50
0
25°
50°
75°
100°
Average Monthly Temperature (°F)

7b

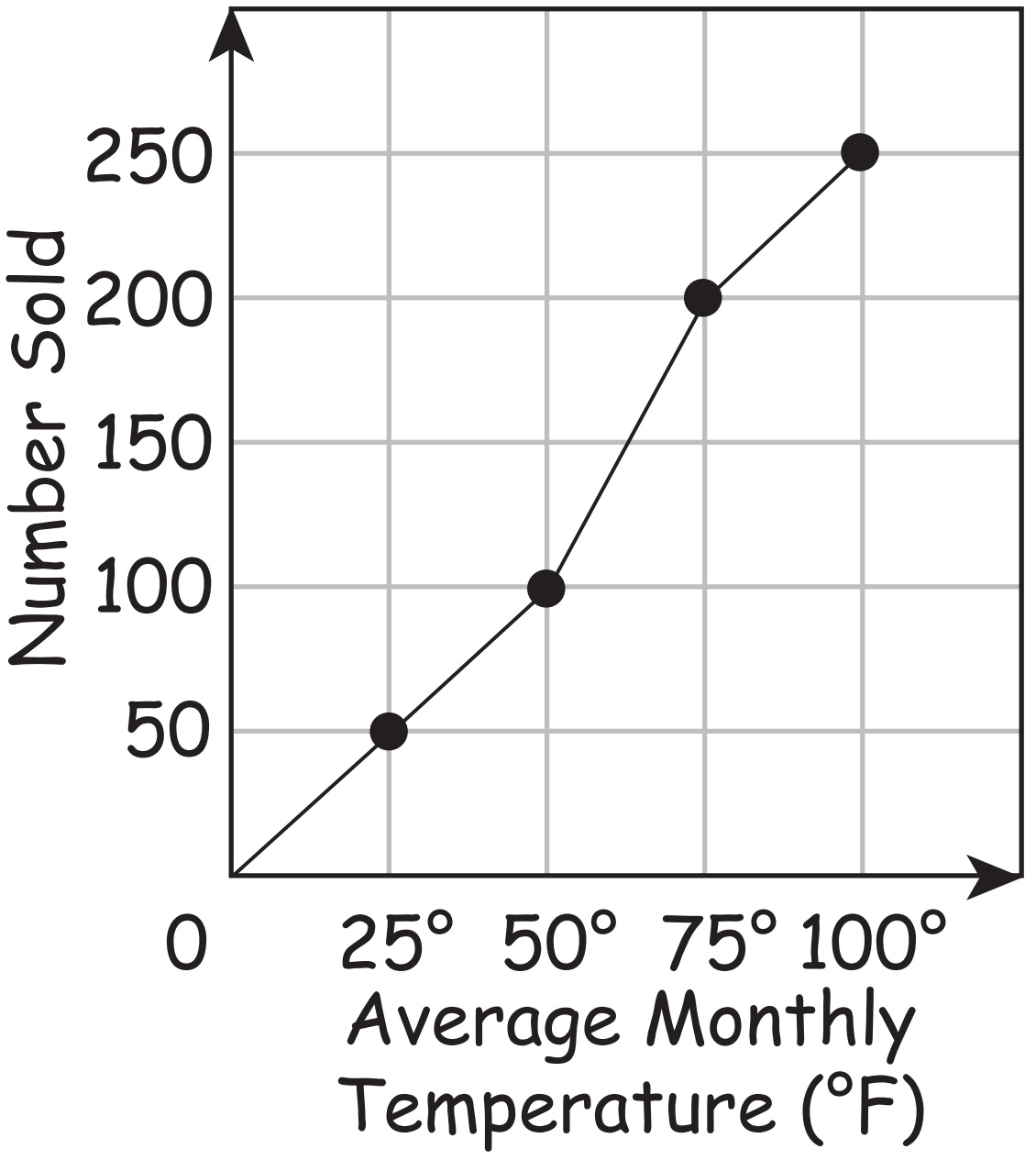
250 ice-cream cones

50 ice-cream cones

100 ice-cream cones

8a

Ice-Cream Cones

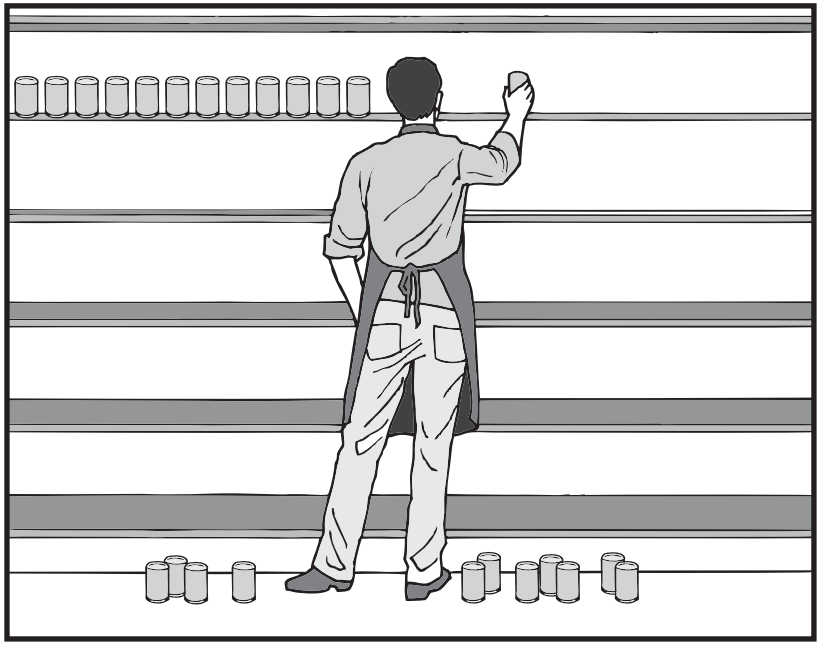


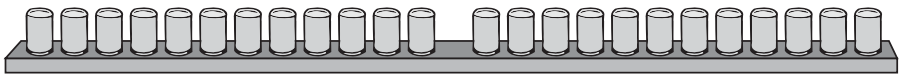
8b

As the temperature increased, the number of ice-cream cones sold increased.

As the temperature decreased, the number of ice-cream cones sold increased.

As the temperature increased, the number of ice-cream cones sold remained the same.





12 + 12 = 24

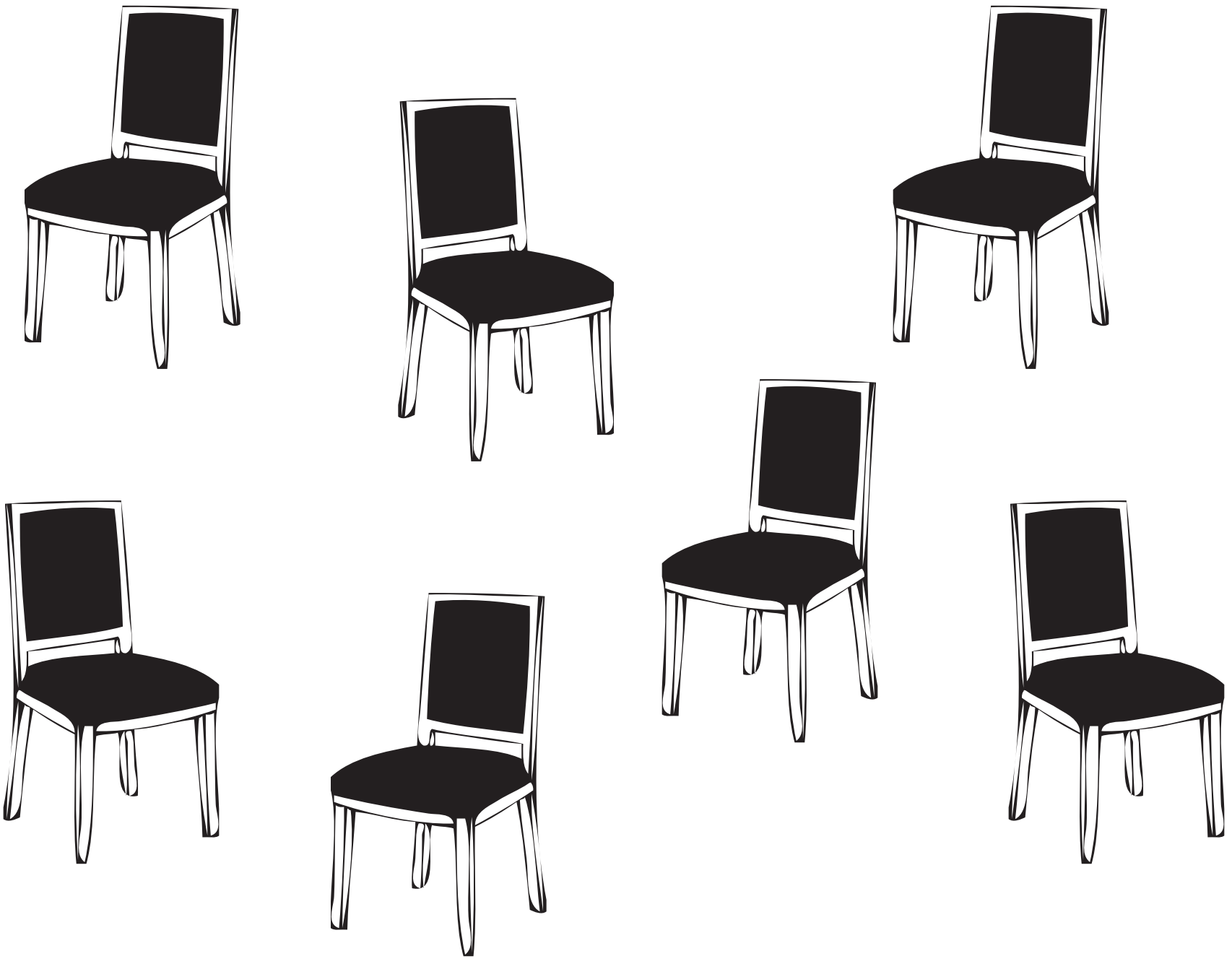
10a

12	+	12	=	24

$12 \times 2 = 24$

$12 \times 3 = 36$

11a



11b

$7 - 4 = 3$	$7 + 4 = 11$	$7 \times 4 = 28$

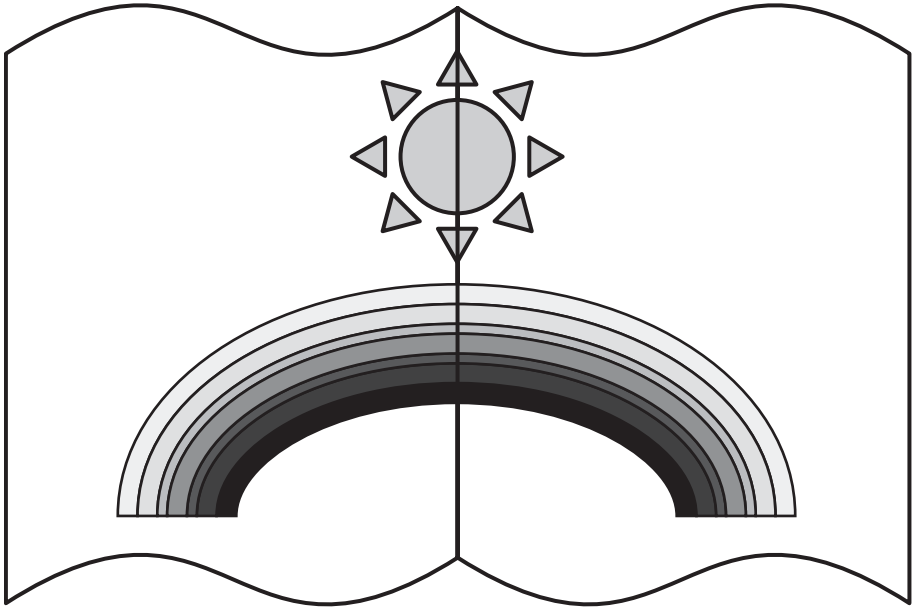
12a

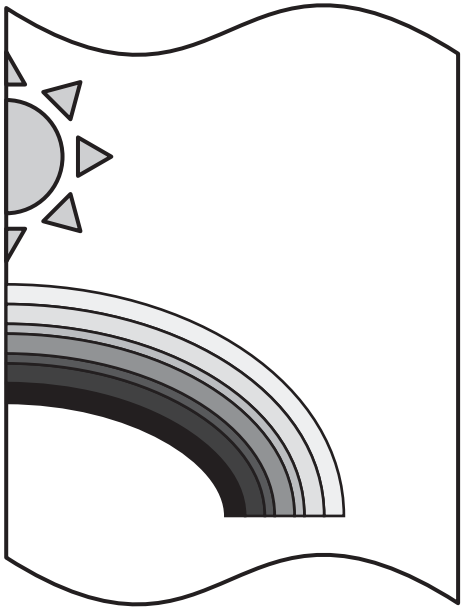
$$48 \div 8 = \square$$

A student has 48 pencils. He gives away 8 pencils. How many pencils does he have left?

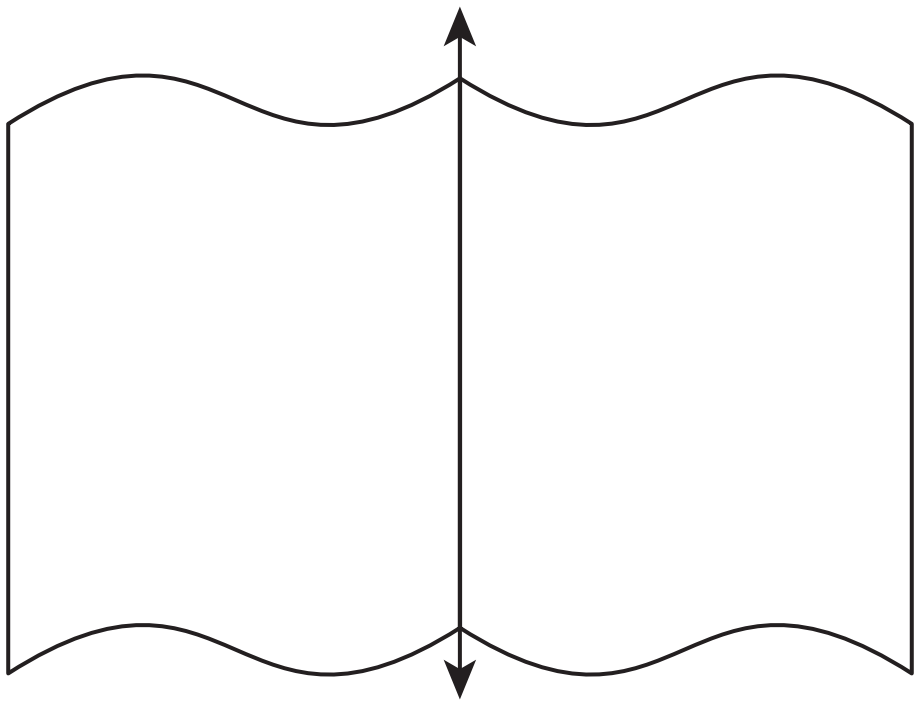
A student has 48 pencils. He gives 8 people an equal number of pencils. How many pencils does each person get?

A student has 48 pencils. He buys 8 more pencils. How many pencils does he have in all?





14a



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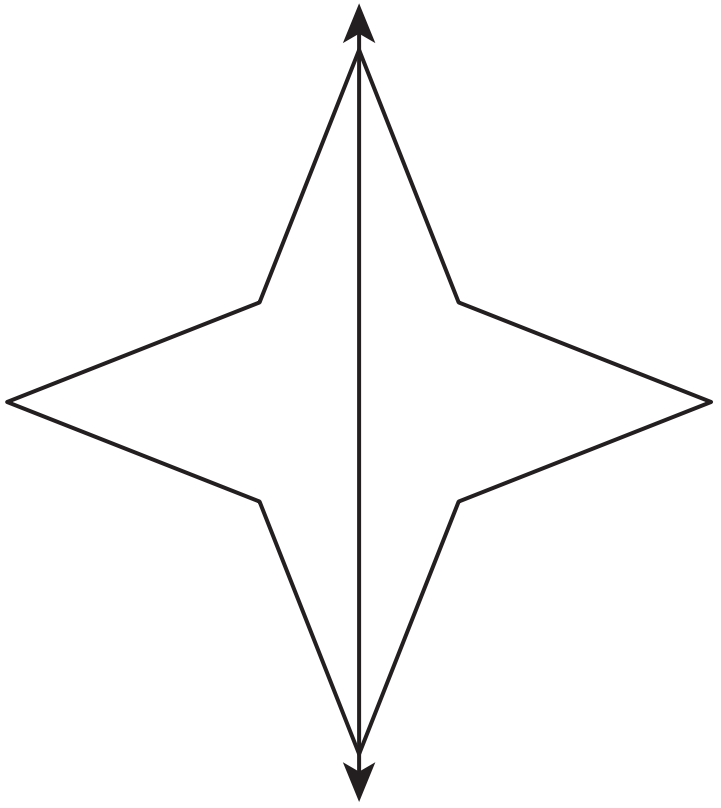
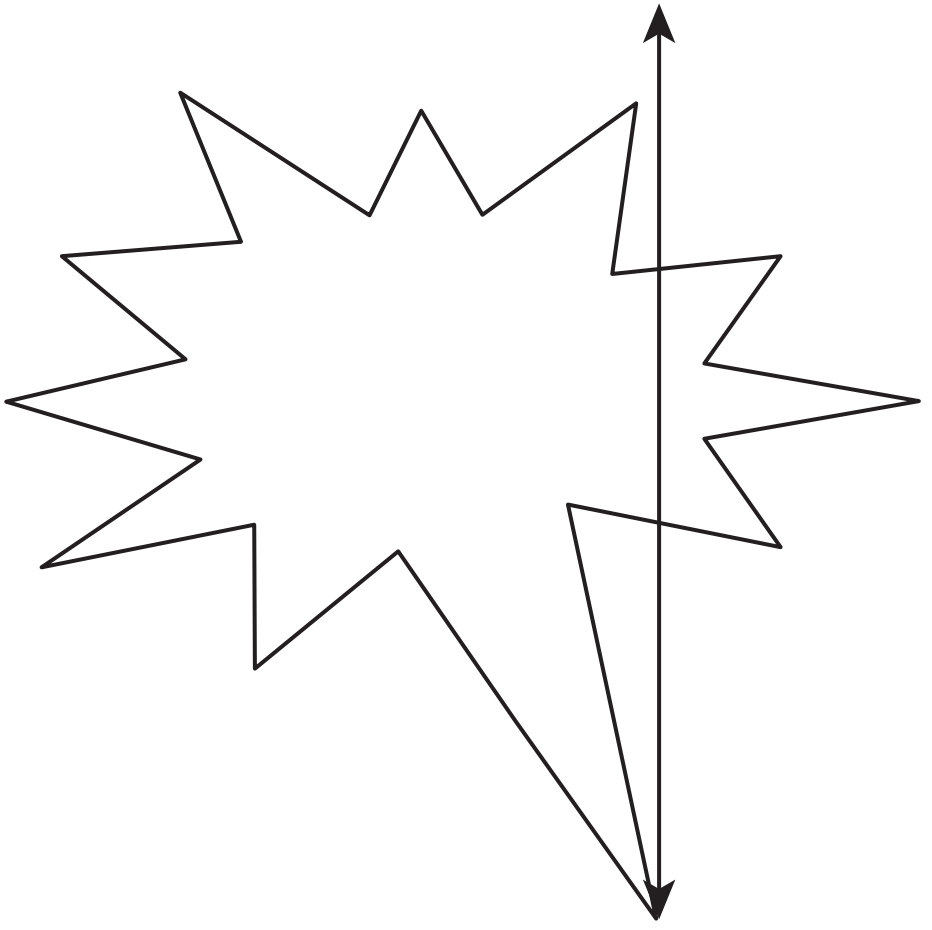
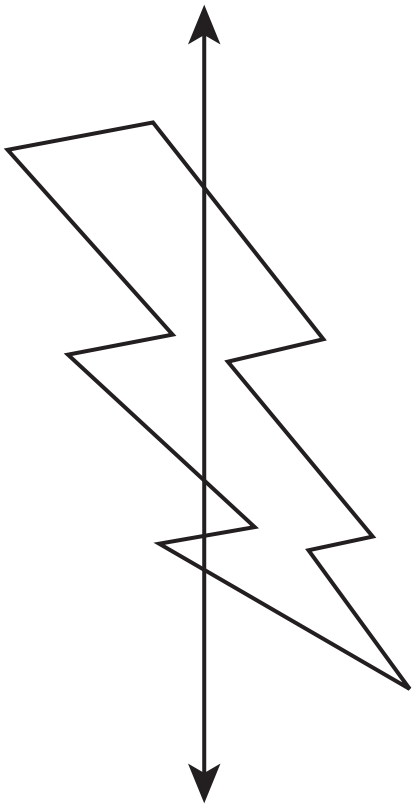
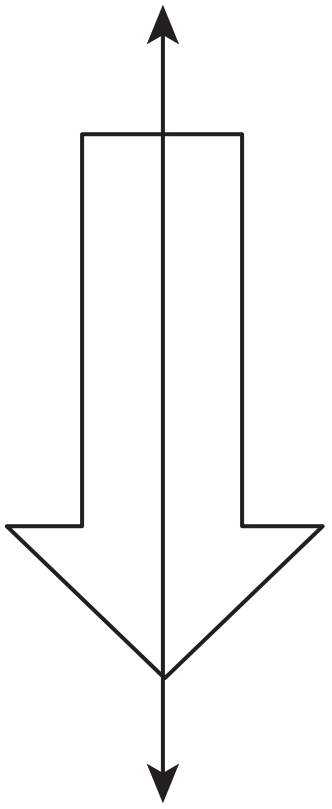
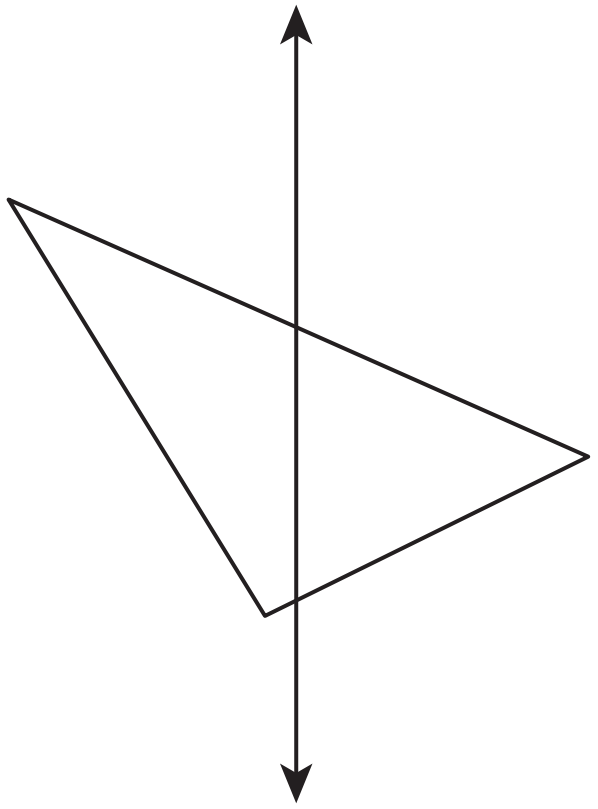
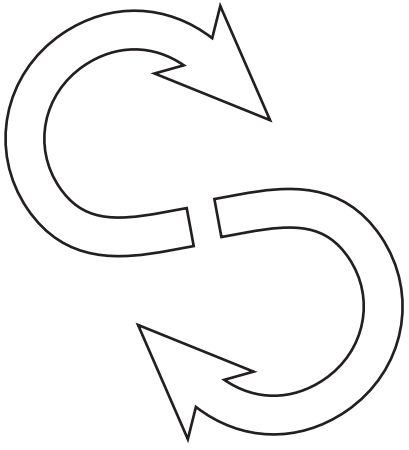


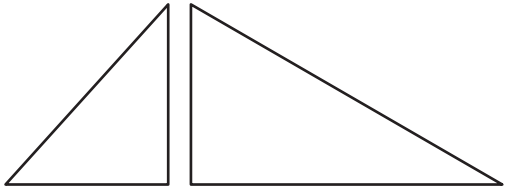


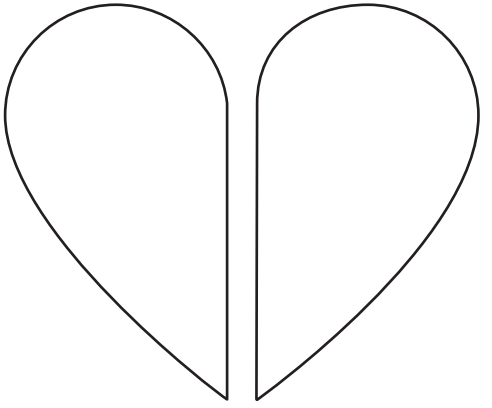


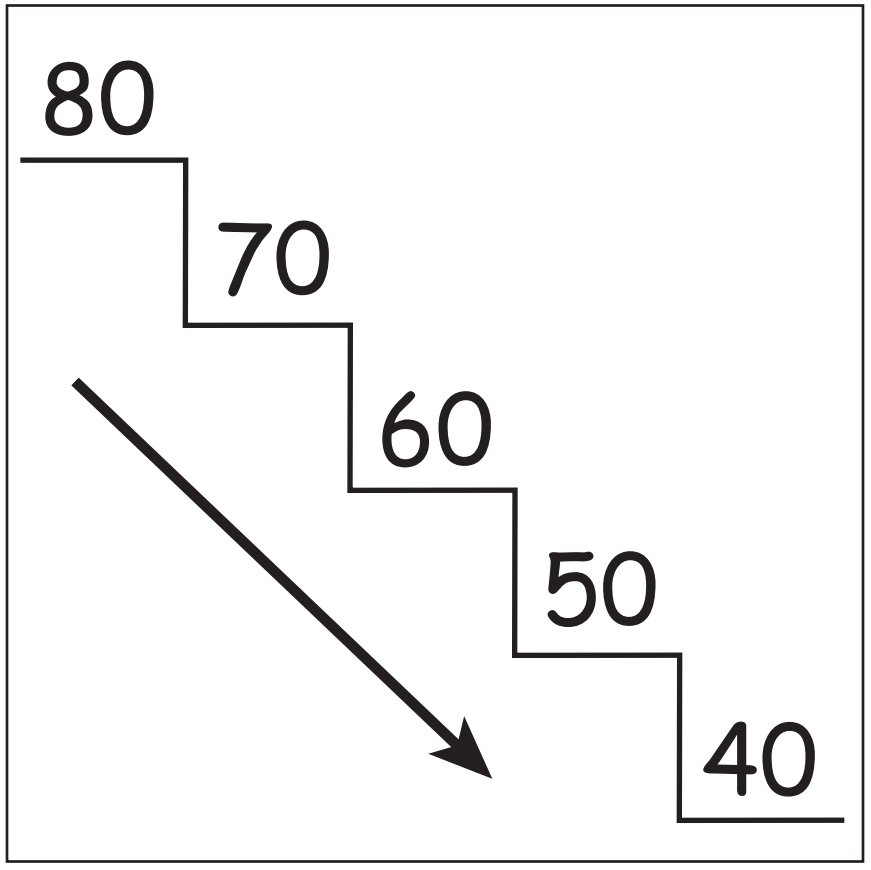


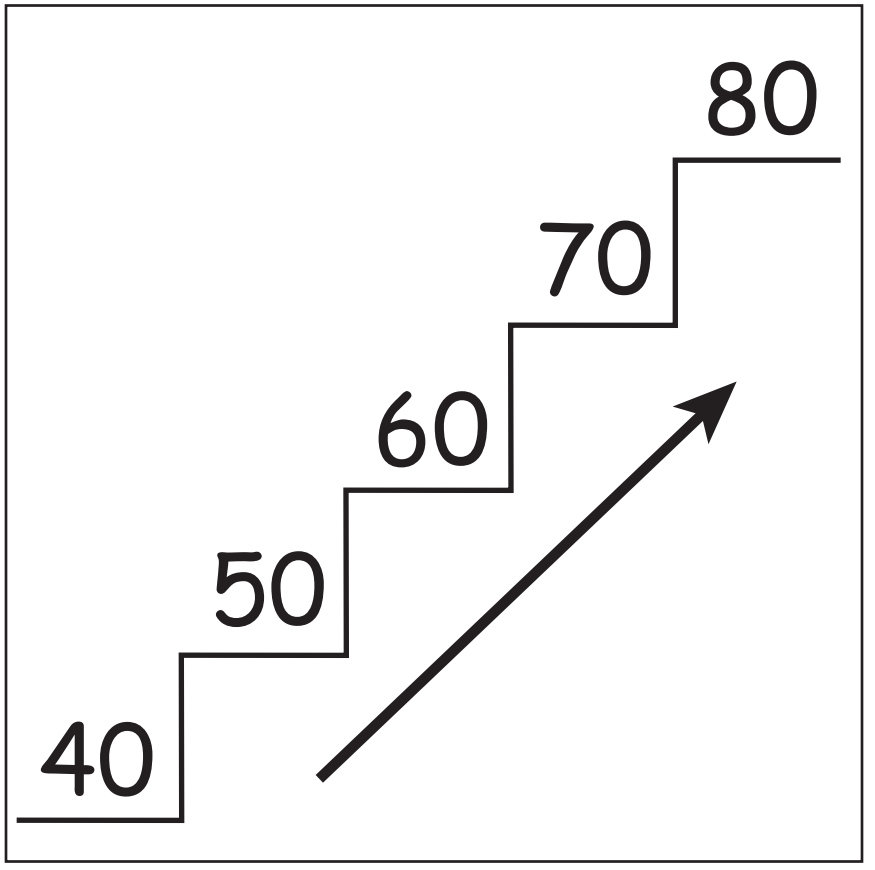




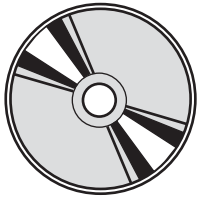





80
70
60
50
40

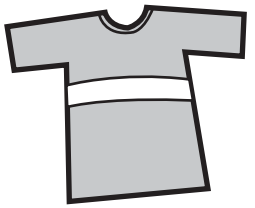

80
70
60
50
40

Selling DVDs



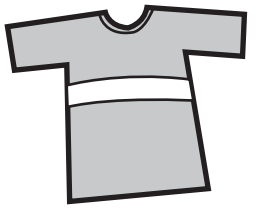
Number of DVDs	Selling Price
6	$66.00
7	$77.00
8	$88.00

Selling T-Shirts



Number of T-Shirts	Selling Price
6	$60.00
7	$70.00
8	$80.00

Selling T-Shirts



Number of T-Shirts	Selling Price
6	$66.00
7	$77.00
8	$88.00

Sharing Stickers

Number of Stickers on Each Sheet	Number of Stickers for Each Student
90	10
81	9
72	

19b

$72 \div 9 =$ ☐

$72 \times 9 =$ ☐

$72 \div 1 =$ ☐

Pizza

Number of Slices	Number of Pizzas
56	7
40	5
24	3

Number of Slices × 8 = Number of Pizzas

Number of Slices ÷ 7 = Number of Pizzas

Number of Slices ÷ 8 = Number of Pizzas

STAAR ALTERNATE 2
GRADE 8
Mathematics
April 2016

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