

Homework 30

This week we keep reviewing for
Math PM3 F.A.S.T Test

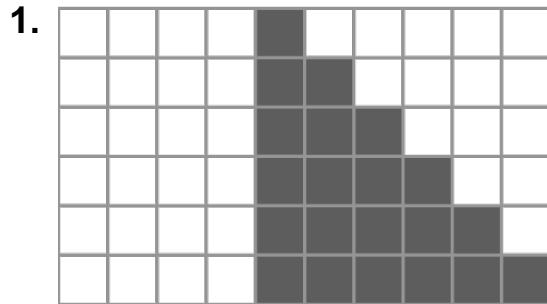
Due Monday 5/4,
upload no later
than 8am.

Quiz
Thursday 4/30
"Represent and
Interpret Data"

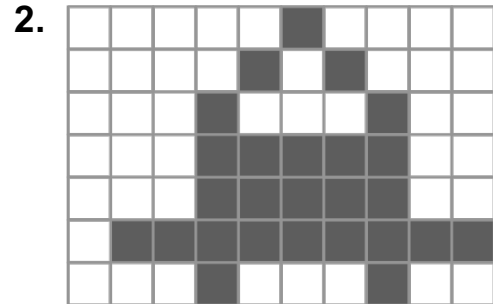
Name _____

Lessons
7.1–7.4 **Review & Refresh**

Find the area of the shape.



Area = _____ square units



Area = _____ square units

Tell whether the number is *even* or *odd*.

3. 53

4. 212

5. 21

6. 100

7. 14

8. 109

Use place value to find the product.

9. $7 \times 40 = 7 \times$ _____ tens

$7 \times 40 =$ _____ tens

$7 \times 40 =$ _____

10. $5 \times 70 = 5 \times$ _____ tens

$5 \times 70 =$ _____ tens

$5 \times 70 =$ _____

Name _____

Lessons
7.1–7.4 **Review & Refresh** (continued)

Complete the fact family.

11. $10 \times \underline{\quad} = 60$

$60 \div \underline{\quad} = 6$

$6 \times \underline{\quad} = 60$

$60 \div \underline{\quad} = 10$

12. $8 \times \underline{\quad} = 40$

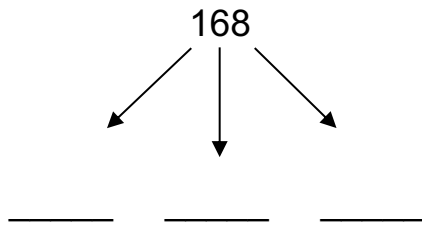
$40 \div \underline{\quad} = 5$

$5 \times \underline{\quad} = 40$

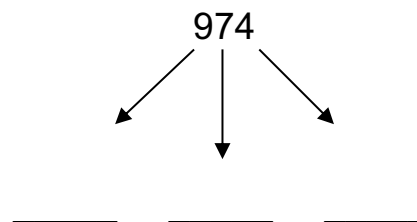
$40 \div \underline{\quad} = 8$

Identify the value of each digit.

13.



14.



Write the number in two other forms.

15. Standard form:

Word form:

Expanded form: $4,000 + 200 + 30 + 4$

16. Standard form: 5,792

Word form:

Expanded form:

Complete the table.

17.

\times	4	\square	\square
5			
\square	28	56	
8			96

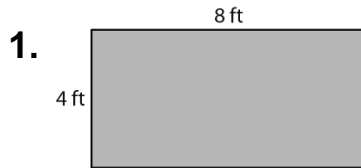
18.

\times	5	8	\square
2			
\square	15		30
8			
\square			100

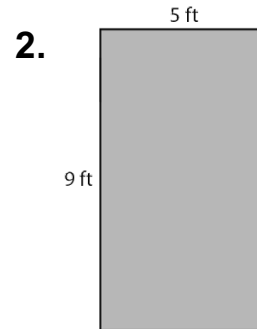
Name _____

Lessons
7.5–7.7 Review & Refresh

Find the area of the rectangle.



_____ × _____ = _____
Area = _____



_____ × _____ = _____
Area = _____

Identify the pattern. Then write the missing numbers and a rule for the pattern.

3. 95, 90, 85, _____, _____, _____
Rule: _____

4. 32, 16, 8, _____, _____, _____
Rule: _____

5. Find the fifth number in the pattern.
First number: 13
Rule: Add 7.

6. Find the fourth number in the pattern.
First number: 1
Rule: Multiply by 3.

7. _____ × 30 = 150

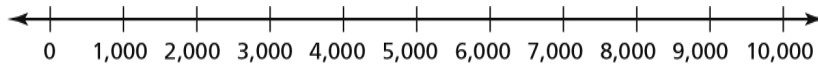
8. 4 × _____ = 160

9. _____ × 90 = 270

Name _____

Lessons
7.5–7.7 **Review & Refresh** (continued)

Compare.



10. $5,675 \bigcirc 5,765$ | 11. $4,389 \bigcirc 3,995$ | 12. $1,865 \bigcirc 1,685$

13. $9,476 \bigcirc 9,746$ | 14. $3,428 \bigcirc 3,248$ | 15. $7,745 \bigcirc 7,785$

Tell whether the equation is *true* or *false*.

16. $6 \times 7 \stackrel{?}{=} 42$

17. $63 \div 7 \stackrel{?}{=} 8$

18. $9 \times 3 \stackrel{?}{=} 24$

19. $12 \div 4 \stackrel{?}{=} 0 \times 3$

20. $8 \times 3 \stackrel{?}{=} 3 \times 8$

21. $6 \times 5 \stackrel{?}{=} 10 \times 3$

Write equations to solve. Use the given letters to represent the unknown numbers. Check whether your answer is reasonable.

22. There are 4 boxes. Each box has 3 piles of video games. There are 6 video games in each pile. How many video games (v) are there in all?

23. Newton and his four friends share 3 packs of strawberries. Each pack has 10 strawberries. How many strawberries (s) does each person get?

Round the number to the nearest ten and to the nearest hundred.

24. 164

Nearest ten: _____

Nearest hundred: _____

25. 453

Nearest ten: _____

Nearest hundred: _____

26. 78

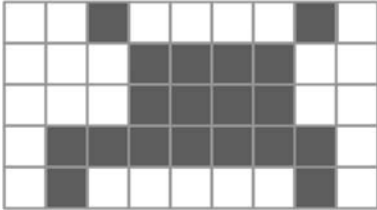
Nearest ten: _____

Nearest hundred: _____

Name _____

Chapter 7 B.E.S.T. Test Prep

1. What is the area of the shape?



= 1 square centimeter

- (A) 12 square centimeters (C) 19 square centimeters
(B) 15 square centimeters (D) 24 square centimeters

2. Is the sum or product of the equation even or odd?

	Even	Odd
$6 \times 5 = \underline{\quad}$	(A)	(B)
$47 + 24 = \underline{\quad}$	(C)	(D)
$9 \times 3 = \underline{\quad}$	(E)	(F)

3. A tree is 108 inches tall. A second tree is 120 inches tall. What is the combined height of the trees?

- (A) 9 feet (C) 16 feet
(B) 10 feet (D) 19 feet

Name _____

**Chapter
7**

B.E.S.T. Test Prep (continued)

7. This question has **two** parts.

Descartes is 3,672 days old. Newton is 4,193 days old.

Part A What is the sum of the digits in the thousands place?

- (A) 1,000
- (B) 3,000
- (C) 5,000
- (D) 7,000

Part B What is the expanded form of the sum of their ages?

- (A) $7,000 + 600 + 70 + 2$
- (B) $7,000 + 100 + 90 + 3$
- (C) $7,000 + 800 + 60 + 5$
- (D) $7,000 + 500 + 50 + 1$

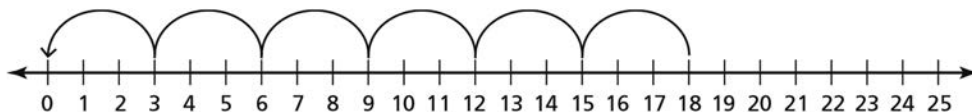
8. You have 138 days until your birthday. How far away is your birthday, rounded to the nearest ten?

- (A) 100 days
- (B) 130 days
- (C) 140 days
- (D) 200 days

9. An over-sized comic book cover has an area of 108 square inches. The cover is 12 inches long. How wide is the cover?

- (A) 6 inches
- (B) 8 inches
- (C) 9 inches
- (D) 10 inches

10. Which equation is represented by the number line?



- (A) $3 \times 6 = 18$
- (B) $6 \times 3 = 18$
- (C) $18 \div 3 = 6$
- (D) $18 \div 6 = 3$

Name _____

Chapter 7 **B.E.S.T. Test Prep** (continued)

11. What is the value of the underlined digit?

863

- (A) 6
- (B) 60
- (C) 600
- (D) 6,000

12. A number has 22 hundreds, 4 tens and 5 ones. What is the number?

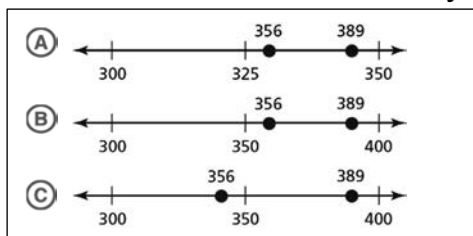
	/	/	/	/	/	
0	0	0	0	0	0	0
1	1	1	1	1	1	1
2	2	2	2	2	2	2
3	3	3	3	3	3	3
4	4	4	4	4	4	4
5	5	5	5	5	5	5
6	6	6	6	6	6	6
7	7	7	7	7	7	7
8	8	8	8	8	8	8
9	9	9	9	9	9	9

13. Newton has saved \$356. Descartes has saved \$389. For each box, fill in the bubble before the expression or number that is correct.

- (A) $356 < 389$
- (B) $356 > 389$
- (C) $356 = 389$

correctly compares the amounts of money they saved.

Which number line correctly plots \$356 and \$389?



Rounded to the nearest ten, Newton and Descartes have altogether.

- (A) \$700
- (B) \$740
- (C) \$750