1) Find the value	$e ext{ of } 6(9-4) \div (13-6)$	- 8), (Lesson 1-1)		
(A 6)	B 9	C 14	D 23	1.0000
2) Identify the n seven. (Lesson 1-	umerical expression	for the product of	nine and	
F 9 + 7	$G 9 \div 7$	H7 - 9	$\mathbf{J} 9 \times 7$	2. ① ⑤ ⑨ ①
of sixteen and	sion represents sever			
$\mathbf{A} \ 7 + (16 \times 4)$) B $(16 \div 4) - 7$	C 16(7 – 4)	D $(16-4) \times 7$	3.000
F 35-4+47		sociative Property.		
H3+(-4+		J 7 + (3 - 4)		4.0000
5) The statement multiplication	at $abc = cab$ is an exp.? (Lesson 1-3)	cample of which pr	operty of	
A commutative	B inverse	C identity	D associative	5.000
Each page ha	ner baseball cards in s slots for 9 cards. mber of baseball ca	Which expression	can be used	
$\mathbf{F} = 9 + p$	G p · 9	H $p - 6$	$\mathbf{J} \frac{p}{9}$	6. © © ® O
7)	2/ 5.3 %			8
	$3(y + 5x). \text{ (Lesson 1-} \\ B 7x + 3y$		$\mathbf{D} \ 2x + 3y$	7.0 6 0 D
	more <mark>t</mark> han four tin	nes a number into	an algebraic	
expression. (Let $\mathbf{F} 2t + 4$	G $2+4+t$	H $4(t+2)$	$\sqrt{3 + 4t}$	8. ① ⑤ ® ①
030.040	t the carwash for 3 urly wage? (Lesson 3	4	s \$24.50.	9.000
A \$7.50/hr	B \$7.00/hr C	C \$6.50/hr D	\$6.00	
10) Evaluate $a - b$ F -20	o if $a = -12$ and $b = 6$	= -8. (Lesson 2-3)	20	10. ② ③ ⊕ ①
11) Simplify $-2\frac{1}{5}$	$+5\frac{3}{5} - \left(-3\frac{2}{5}\right)$. (Les	son 3-5)		
A $-11\frac{1}{5}$	B 0	$6\frac{4}{5}$ D	$11\frac{1}{5}$	11. @ 8 © 9
2) Solve -54 = - F 13	-4n + 2. (Lesson 4-5)	H -56	J - 14	12. © © ® ①
3) Which expressi	on is equivalent t	5(n+2) - 3(n+2)	+ 2)? (Lesson 4-2)	13. @ ® © ®
A $2n+4$	B $2n + 16$	C 2n	D $2n - 4$	

Ansmer Fey

C 3

B 19

G 65

D - 132

J -330

14.

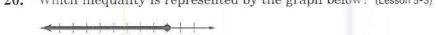
15.

A 132

F 320

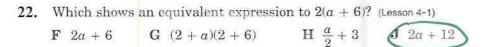
 $325 \div (-5)$

16.	Simplify (-4)(3a	a)(-4b). (Lesson 2	2-4)	
	A 48ab	\mathbf{B} $-48ab$	C −11 <i>ab</i>	\mathbf{D} $-5ab$
17.	Evaluate the ex	pression $\frac{x}{y}$ if x :	= -60 and $y = 5$.	(Lesson 2-5)
	F 12	$G \frac{1}{12}$	$H - \frac{1}{12}$	J -12
18.	Solve $x - \frac{3}{4} = \frac{5}{6}$.	. (Lesson 3-3) G 1	$H - \frac{1}{12}$	$J - \frac{5}{8}$
19.	Evaluate 24 ÷ (6 A 3	$(3-4)\cdot 4 + 3$. (Le	C 51	D 84
20.	Which inequality	y is represented l	by the graph below	? (Lesson 5-3)

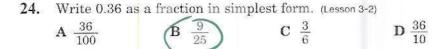


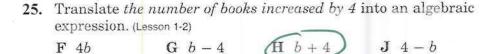


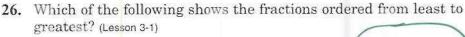
21. Evaluate
$$a - b + c$$
 if $a = 6$, $b = -8$, and $c = -2$. (Lesson 2-3)
A 16 B 12 C 0 D -4



23. Evaluate the expression
$$|18| - |-6| - (-5)$$
 (Lesson 2-1)
F 7 H 29 J 219









1)	What is "8 less than the quotient of a number n and 3" written
	as an algebraic expression? (Lesson 1-2)



H
$$\frac{8}{n} - 3$$

J
$$\frac{3}{n} - 8$$

2) If |x| = 4, what is the value of x? (Lesson 2-1)

A 4 and 8

B 0 and 4

C - 4 and 0

D - 4 and 4

3) Simplify
$$-42 + (-18) + 88$$
. (Lesson 2-2)

$$F - 148$$

G - 28

J 148

$$A -225$$

B - 175

C 175



Which decimal is equivalent to $\frac{3}{8}$? (Lesson 3-1)

F 3.8

G 2.66

(H 0.375

J 0.33

Which is less than $3\frac{1}{6}$? (Lesson 3-1)



B 3.166

C $3\frac{2}{9}$ D $3\frac{1}{9}$

7) Find $1\frac{4}{7} \cdot \left(-\frac{2}{3}\right)$. Write in simplest form. (Lesson 3-3)

$$F 1\frac{1}{3}$$

 $G \frac{22}{21}$



J
$$-2\frac{5}{14}$$

8) What is $\frac{4}{9}$ divided by $1\frac{2}{3}$? (Lesson 3-4)

F
$$3\frac{3}{4}$$

G $3\frac{2}{2}$

 $H = \frac{20}{27}$



Evaluate 3x - 2y + 4z if x = 7, y = 4, and z = 8. (Lesson 1-2)

J 20

10) How much less is $\frac{1}{5}$

(Lesson 3-6)

(Lesson 3-6)

than $\frac{3}{4}$ in decimal form? A 0.2

B 0.75 C 0.95



 \mathbf{H}

63

A website sells small T-shirts for \$10 and medium T-shirts for \$12. There is a \$5 fee for shipping and handling. Kay orders 5 small and 6 medium T-shirts. Write an expression that can be used to find the total amount Kay pays for the T-shirts. (Lesson 1-1) A \$115

B \$122



D \$137

TRAVEL Cho and his family drove 428.4 miles in one day. 12) The next day they drove $357\frac{1}{4}$ miles to reach their destination. What was the total length of their trip?



1.	Evaluate $r - s +$	$4 ext{ if } r = 23 ext{ and}$	s=18. (Lesson 1-	2)
	A 45	В -1	6 9	D 1
2.	Rewrite the expr	ression $(9 \cdot p) \cdot 2$	2 using the Com	mutative Property.
	$\mathbb{F} 9 \cdot p \cdot 2$	G $p \cdot (9 \cdot 2)$	$\mathbf{H} \ 9 \cdot (p \cdot 2)$	
3.	Find the product	t of $\frac{4}{5}$ and $\frac{5}{12}$. (L		
	A $\frac{9}{17}$	$\left(\mathbf{B} \frac{1}{3}\right)$	C $1\frac{2}{3}$	D 4
4.	Find the produc	t of -5 and $4x$.	Lesson 2-4)	
($(\mathbf{F} - 20x)$	G 20x	$H - \frac{4}{5}x$	$\mathbf{J} \frac{5}{4}x$
5.	Evaluate the exp	pression $ac + bc$	if $a = -2$, $b = 8$	5, and $c = 3$.
(A 9	B 21	C 5	D -5
6.	Replace with t		ool to make $\frac{7}{8}$	$\frac{5}{6}$ a true
	F <	$\mathbf{G} =$	H >	J ×
7.	Which number b set of integers?		of rational num	bers and the
	A 7.3		C $5\frac{2}{3}$	$\overline{D-8}$
8.	Which is the sim	plified form of (15z + 7) - 3z? (L	esson 4-2)
($\mathbf{F} 12z + 7$	G $9z - 7$	H $9z + 7$	J - 45z - 21
9.	Solve $-48 = 6m$.	(Lesson 4-4)		
	A -6	B 8	C -52	(D-8)
10.	Solve $\frac{a}{3} = -21$. (Lesson 4-4)		
	F 63	G -7	H 7	J-63
11.	What is the solu	tion of $-6 = m$	+ 8? (Lesson 4-3)	
	A 2	B 14	$\overline{(C-14)}$	\mathbf{D} -2
12.	What is the solu	tion of $-6w = 7$	2? (Lesson 4-4)	
	F 12	G -432	H -12	J 432
13.	Evaluate $14 - c$	+3d if $c=6$ and	d=2. (Lesson 1-2)	
	A 29	B 16 (C 14	D 2
14.	Name the proper	ty shown by (8 · 2	$3 \cdot 3 = 8 \cdot (2 \cdot 3).$	(Lesson 1-3)
	F Commutative	Property	H Distributive	Property
	G Associative Pr	operty	J Multiplicativ	e Identity
15.		ent a		
	A -13	B -1	C 1	D 13

Chapter 4 Specific Review



D not possible

2.
$$-\sqrt{361}$$

$$H - 180.5$$

J not possible

For Questions 3 and 4, estimate each square root to the nearest integer. Do not use a calculator.

3.
$$\sqrt{65}$$

4.
$$-\sqrt{147}$$

5. Evaluate the expression |a| - 2|b| if a = 3 and b = -6. (Lesson 2-1)

$$D - 15$$

6. If the value of y - 7 is 18, what is the value of y? (Lesson 1-2)

A 35



C 11

D 7

7. Which equation represents seven less than the quotient of a number and 3 is 6? (Lesson 4-6)

A
$$7 - \frac{n}{3} = 6$$

$$\boxed{\mathbf{C} \ \frac{n}{3} - 7 = 6}$$

$$B 3n - 7 = 6$$

$$\mathbf{D} \frac{n}{3} - 6 = 7$$

8. Write the inequality for the graph. (Lesson 5-3)



$$\mathbf{B} \quad b > 3$$

$$\mathbf{C} \ c \leq 3$$

0 1 2 3 4 5 6

D
$$d < 3$$

9. Solve $x - 6.9 \ge -9.1$. (Lesson 5-4)

$$\mathbb{F} \ x \ge 2.2$$

$$G x \ge -2.2$$

H
$$x \ge -16$$

J
$$x \le -2.2$$

10. Solve $\frac{m}{-6} \le -30$. (Lesson 5-4)

A
$$m < 30$$

B
$$m \le 180$$
 C $m > 30$

$$\mathbb{C} \ m > 30$$

$$\mathbf{D} \ m \ge 180$$

11. Which inequality represents six less than three times a number is more than eighteen? (Lesson 5-5)

$$F (6-3)n > 18$$

G
$$3n + 6 > 18$$

$$\begin{array}{c|c} \mathbf{H} & 3n - 6 > 18 \\ \mathbf{J} & 6n - 3 > 18 \end{array}$$

Simplify each expression. (Lessons 2-4 and 4-2)

12.
$$-6(-4a)(-2b)$$
.

A
$$48ab$$

$$\mathbf{B} - 12ab$$

$$D - 48$$

13.
$$4t + 4 - 11 + t$$

$$\overbrace{\mathbf{F} \ 5t-7}$$

G
$$3t - 7$$

$$H-2t$$

J
$$5t + 15$$

14. Five times the sum of a number and 15 is greater than 37.

What is the number? (Lesson 5-3)



$$\mathbf{A} \times > \mathbf{3}_{\frac{8}{5}}$$

B
$$x > \frac{22}{5}$$

$$\mathbb{C} \times -8$$

B
$$x > \frac{22}{5}$$

B $x > \frac{22}{5}$

C $x > -8$

D $x = 8$

15. Solve $x + \frac{3}{5} > 4$. (Lesson 5-4)

F $x > \frac{1}{5}$

H $x > 3$

J $x > 3\frac{1}{5}$

$$\mathbf{F} \quad \mathsf{x} > \frac{1}{5}$$

$$G \times 3\frac{2}{5}$$

$$H \times 3$$

J
$$x > 3\frac{1}{5}$$