# Summer Math Assignment

## Students entering 8th Grade Math (Pre-Algebra)

Name:

Note: This will be collected during the first few weeks of school. Please complete this over the Summer, but do not bring it until directed by your Math Teacher.

Name	Date	
	7th Grade Math Florida F.A.S.T. Test Prep	
1. Solve for v.		
1.0%		
10 <sup>y</sup> =100,000		
A. y=10		
B. y=100		
C. y=5		
D. y=50		
2. Which expression is equiv	valent to the following expressions?	
(5a + 7) + (2a - 3)		
A. (7a + 10)		
B. (7a + 4)		
C. (3a + 10)		
D. (3a + 4)		
2 What is the area of the fr	Nowing figure?	
	biowing inguie:	
1 56 square cm		
	7 cm 4 cm	
L. 224 square cm	R om	
D. 32 square cm	6 GH	
4. The data set has a mode o	of 12.	
2, 3, 4, 5, 6, 6, 7, x, 12, 12, 1	4.	
What is x?		
A. 12		
B. 11		
C. 10		
D. 9		
5. What is 3 ½ as an impron	er fraction?	
A. 4/2		
B. 3/2		
C. 7/2		
D. 5/2		

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۲ ۲	6 1/ 12+2) (22 6)														
T	0. 4(-4d +5) - (5d - 0)														
۲ -	Which expression is equivaler	nt to this exp	pression	?											
; 7	A. (19a +6)														
-	B. (-19a +18)														
-	C. (-13a + 18)														
	D. (13a + 6)														
	7. Lily's family is building a ne	w pool in he	er backy	ard. Belov	v is th	ie sh	аре	e ar	nd d	ime	nsi	ons	tha	at	
	her parents have decided upo	n. What is t	he area	of the po	ol goi	ng to	o be	?							
	A. 192 square ft	_	14	FT	_										
	B. 200 square ft				00										
	C. 182 square ft	F			F										
	D. 167 square ft	18 F		7 FT											
		L													
	9 Mr. Dotorson compared the	grades of t	hicvoor		roug la		~~r	'e e	lace		d	مالہ		4	
	them on two sonarate line ne	te Mhatie	the inter	s class ve rauartila i	isus i	asi y for l	ear	s u h ca	ids:	o, an of de	u u +-:	one o	cie	u	
	them on two separate line pic			i quai tile i	ange		501	1 30	=13 (	Jiua	ila	5			
	A. Last year=15, this year=20														
	• • •														
	B. Last year=30, this year=50							•	•	•					
	B. Last year=30, this year=50 C. Last year=10, this year=20						•	•	• • •	•	•				
	B. Last year=30, this year=50 C. Last year=10, this year=20 D. Last year=15, this year=30				40	45 50	•	•	• • •	70 75	80	85	90	95 10	0
	B. Last year=30, this year=50 C. Last year=10, this year=20 D. Last year=15, this year=30				40	• • 45 50	55	• • 60	65 Last yea	70 75 r's grades	• • 80	85	• • 90	+ + 95 10	0
	B. Last year=30, this year=50 C. Last year=10, this year=20 D. Last year=15, this year=30				40	45 50	55	60	65 Last yea	70 75 r's grades	• • 80	85	• 90	95 10	0
	B. Last year=30, this year=50 C. Last year=10, this year=20 D. Last year=15, this year=30				40	45 50	55	60	65 Last yea	0 75 r's grades	• • 80	85	• 90	, , 95 10	0
	B. Last year=30, this year=50 C. Last year=10, this year=20 D. Last year=15, this year=30				40	45 50	55	60	65 Last yea	70 75 r's grades	80	85	90	, , 95 10	0
	B. Last year=30, this year=50 C. Last year=10, this year=20 D. Last year=15, this year=30					• • 45 50	55	• • 60	65 Last yea	70 75 r's grades	80	85	90	95 10	0
	B. Last year=30, this year=50 C. Last year=10, this year=20 D. Last year=15, this year=30				40	45 50	• • • • • • • • • • • • • • • • • • • •	• • •	65 - Contraction of the second	r's grades	* * 80	85	• • • • • • • • • • • • • • • • • • • •	95 10	0
	B. Last year=30, this year=50 C. Last year=10, this year=20 D. Last year=15, this year=30					45 50 45 50	• • • • • • • • • • • • • • • • • • • •	• • 60	65 65 65 7	70 75 r's grades	80 80	• 85	90 90 90	95 10 95 10	0
	B. Last year=30, this year=50 C. Last year=10, this year=20 D. Last year=15, this year=30				40 40	45 50	• • • • •	• • • • • • • • •	65 65 This yea	o 75 r's grades	• • • • • • • • • • • • • •	* 85	90 90 90	95 10 95 10	0
	<ul> <li>B. Last year=30, this year=50</li> <li>C. Last year=10, this year=20</li> <li>D. Last year=15, this year=30</li> </ul> 9. Evaluate the following expr	ession.			40 40	45 50 45 50	• 55	• • 60	• 65 • Last yea	0 75 r's grades	• 80	• 85	90 90 90	95 10	0 , 0
	<ul> <li>B. Last year=30, this year=50</li> <li>C. Last year=10, this year=20</li> <li>D. Last year=15, this year=30</li> <li>9. Evaluate the following expression 6<sup>3</sup> + 3<sup>2</sup></li> </ul>	ession.			40	45 50 45 50	• • 55	60 60	65 Last yea	0 75 r's grades	80 80	* 85	90 90 90	95 10 95 10	0
	B. Last year=30, this year=50 C. Last year=10, this year=20 D. Last year=15, this year=30 9. Evaluate the following expr $6^3$ + $3^2$	ession.				45 50	• • 55	60 60	65 65 65 7	o o o o o o o c s grades o o o c s grades	* * * *	* * * *	90 90 90	95 10	0
	<ul> <li>B. Last year=30, this year=50</li> <li>C. Last year=10, this year=20</li> <li>D. Last year=15, this year=30</li> </ul> 9. Evaluate the following expression of a statement of	ession.			40	45 50	• • • • • • • • • • • • • • • • • • • •	60 60	65 65 This yea	o 75 r's grades	* 80	* 85	90 90	95 10 95 10	0
	<ul> <li>B. Last year=30, this year=50</li> <li>C. Last year=10, this year=20</li> <li>D. Last year=15, this year=30</li> </ul> 9. Evaluate the following expression of a statement of	ession.			40	45 50 45 50	• • 55	60 60	65 65 This yea	o o o o o c s grades o o o c s grades	* 80	* 85	90 90	95 10	0
	<ul> <li>B. Last year=30, this year=50</li> <li>C. Last year=10, this year=20</li> <li>D. Last year=15, this year=30</li> </ul> 9. Evaluate the following expression of the second se	ession.			40	45 50	• • 55	60 60	65 65 This yea	0 75 75 75 8 75 8 75 75 75 75 75 75 75	* 80	* 85	90 90 90	95 10 95 10	0
	<ul> <li>B. Last year=30, this year=50</li> <li>C. Last year=10, this year=20</li> <li>D. Last year=15, this year=30</li> </ul> 9. Evaluate the following expression of the second se	ession.			40	45 50 45 50	• • 55	60 60	65 65 This yea	r's grades	80 80	* * * *	90 90	95 10	0
	<ul> <li>B. Last year=30, this year=50</li> <li>C. Last year=10, this year=20</li> <li>D. Last year=15, this year=30</li> </ul> 9. Evaluate the following expression of the second se	ession.			40	45 50	• • 55	60 60	65 65 This yea	o 75 75 75 75 75 75 75 75 75 75 75 75 75	* 80	* 85	90 90	95 10	0
	<ul> <li>B. Last year=30, this year=50</li> <li>C. Last year=10, this year=20</li> <li>D. Last year=15, this year=30</li> </ul> 9. Evaluate the following expression of a statement of	ession.			40	45 50 45 50	• • 55	60 60	65 65 This year	o 75 r's grades	* 80	* * * *	90 90	95 10	0
	<ul> <li>B. Last year=30, this year=50</li> <li>C. Last year=10, this year=20</li> <li>D. Last year=15, this year=30</li> </ul> 9. Evaluate the following expression of the second se	ession.			40	45 50	• • 55	60 60	65 65 This yea	o 75 75 75 75 75 75 75 75 75 75 75 75 75	80 80	* * * * *	90 90	95 10	0
	<ul> <li>B. Last year=30, this year=50</li> <li>C. Last year=10, this year=20</li> <li>D. Last year=15, this year=30</li> </ul> 9. Evaluate the following expression of a statement of	ession.			40	45 50	• • 55	60 60	65 65 This yea	o 75 r's grades	80 80	* * * *	90 90	95 10	0

10. Solve th	e following inequality.
5x < 15	
A. x < 2	
3. x < 3	
C. x < 4	
). x < 5	
L1. About w	hat is the circumference of the following figure? $r=21 \text{ cm}$
A. 441 cm	
3. 132 cm	
C. 221 cm	
). 120 cm	
2. Olivia st treet. She c	udied her local squirrels and wanted to estimate the squirrel population on her aught 32 squirrels, marked them, and released them, Later, she caught 50
quirrels and estimated so	d noticed that 8 of them were marked. To the nearest whole number, what is the quirrel population?
۹. 150	
A. 150 3. 506	
A. 150 3. 506 C. 1504	
A. 150 3. 506 C. 1504 D. 200	
A. 150 3. 506 C. 1504 D. 200 L <b>3. Solve fo</b> i	х.
A. 150 B. 506 C. 1504 D. 200 L <b>3. Solve fo</b> D <b>8 ÷ x = 7</b>	` <b>х.</b>
A. 150 3. 506 C. 1504 D. 200 L <b>3. Solve fo</b> <b>98 ÷ x = 7</b> A. 14	×.
A. 150 B. 506 C. 1504 D. 200 L <b>3. Solve for</b> <b>08 ÷ x = 7</b> A. 14 B. 7	х.
A. 150 3. 506 C. 1504 D. 200 <b>13. Solve for</b> <b>18 ÷ x = 7</b> A. 14 3. 7 C. 19	·х.
A. 150 3. 506 C. 1504 D. 200 L <b>3. Solve for</b> <b>98 ÷ x = 7</b> A. 14 3. 7 C. 19 D. 12	х.
A. 150 3. 506 C. 1504 D. 200 <b>13. Solve for</b> <b>98 ÷ x = 7</b> A. 14 3. 7 C. 19 D. 12 <b>14. Tara is b</b>	'x. uving pumpkins to sell at this year's fall festival. Last year she ordered 14 pallets
A. 150 B. 506 C. 1504 D. 200 <b>13. Solve for</b> <b>98 ÷ x = 7</b> A. 14 B. 7 C. 19 D. 12 <b>14. Tara is b</b> of pumpking	x. uying pumpkins to sell at this year's fall festival. Last year she ordered 14 pallets but does not remember how many pumpkins come on each pallet. Last year's
A. 150 B. 506 C. 1504 D. 200 <b>13. Solve for</b> <b>38 ÷ x = 7</b> A. 14 3. 7 C. 19 D. 12 L4. Tara is b of pumpking	" X. uying pumpkins to sell at this year's fall festival. Last year she ordered 14 pallets b, but does not remember how many pumpkins come on each pallet. Last year's e that they sold 700 pumpkins with 28 left over. Which equation can Tara use to
A. 150 B. 506 C. 1504 D. 200 <b>13. Solve for</b> <b>98 ÷ x = 7</b> A. 14 B. 7 C. 19 D. 12 <b>14. Tara is b</b> <b>of pumpkins</b> <b>records stat</b>	" x. uying pumpkins to sell at this year's fall festival. Last year she ordered 14 pallets b, but does not remember how many pumpkins come on each pallet. Last year's e that they sold 700 pumpkins with 28 left over. Which equation can Tara use to
A. 150 B. 506 C. 1504 D. 200 <b>I.3. Solve for</b> <b>28 ÷ x = 7</b> A. 14 B. 7 C. 19 D. 12 <b>I.4. Tara is b</b> of pumpking records state igure out he	" X. uying pumpkins to sell at this year's fall festival. Last year she ordered 14 pallets b, but does not remember how many pumpkins come on each pallet. Last year's e that they sold 700 pumpkins with 28 left over. Which equation can Tara use to bw many pumpkins come on each pallet?
A. 150 B. 506 C. 1504 D. 200 <b>I.3. Solve for</b> <b>28 ÷ <math>x = 7</math></b> A. 14 B. 7 C. 19 D. 12 <b>I.4. Tara is b</b> <b>of pumpkins</b> <b>records stat</b> <b>rigure out h</b> A. 728p=14	" x. uying pumpkins to sell at this year's fall festival. Last year she ordered 14 pallets b, but does not remember how many pumpkins come on each pallet. Last year's e that they sold 700 pumpkins with 28 left over. Which equation can Tara use to bw many pumpkins come on each pallet?

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A. 728p=14 B. p=728-14 C. 14p - 28=700 D. 14 + p = 728

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- B. \$199.00
- C. \$250.00
- D. \$224.99

19. Justin made a scale drawing of his local pond. The pond, which is 80 yards wide in real life, was 8 inches wide in the drawing. What scale did Justin use?

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A. 1 in = 7 yd B. 1 in = 8 yd C. 1 in = 6 ydD. 1 in = 10 yd

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20. Which type of graph	would be best used to de	monstrate how many people	e prefer walking
over running?			
A. Line graph			
B. Bar graph			
C. Circle graph			
D. Double bar graph			
21. Jeremy has 3 gallons	of chocolate ice cream. H	low many quarts of ice crear	n does he have?
A. 12			
B. 10			
C. 8			
D. 15			
22. What is the surface a	area of the figure rounded	to the nearest tenth?	T
A. 290.7 square in			10 in
B. 296.7 square in			
C. 240.9 square in			
D. 323 square in			7 in
23. Cary flipped two coi (Heads=H and Tails=T)	ns simultaneously. What i	s the sample space of this ev	vent?
A. S = {HH, HT, TT, TH} B. S = {HH, HT, TT} C. S = {HH, HT} D. S = {HH, TH}			
24. Which of the followi	ng graphs has a proportio	nal relationship?	
Magnets bought at Souvenir Shop	Theme Park Costs	9	∱ <sup>y</sup>
9	40	8	20
	(S) 24	6 5	10 12
S Cost	Ö 16	4 3	8 Keig
	8	2	4
0 1 2 3 4 5 6 7 8 9 10	O 2 4 6 8 10 Number of tickets	0 1 2 3 4 5 6 7 8 9 10	0 4 8 12 16 20 Sports drink (cups)
Magnets	5	<b>^</b>	5
A	В	L	U
8 ©A – PLUS Literature Gu	ides		

25. A cylino wlinder?	der has a heigh	t of 12 yards and a radius of 4 yards. What is the volume of the
490 12 c	auaro vardo	
4. 480.12 S	quare yarus	
ວ. 40 Syuai ົ 603 10 ຄ	e yarus quare vards	
) 304 19 s	quare vards	
26. Julie ha probability	is 20 golf balls, that she will p	and 4 of them are green. If she randomly chooses one, what is the ick a green ball?
A. ½		
3. 1/16		
C. 1/20		
). 1/5		
7. Penelo	pe is baking cal	kes. There is a proportional relationship between the number of
ggs she us	ses (x) and the	cups of flour she uses (y). What is the constant proportionality?
х	Y	
~		
1 egg	2 cups	
2 eggs	4 cups	
-00-		
_	6 cups	
3 eggs		
3 eggs 4 eggs	8 cups	
<b>3 eggs</b> <b>4 eggs</b> (. 2	8 cups	
<b>3 eggs</b> <b>4 eggs</b> (. 2 (. 1	8 cups	
<b>3 eggs</b> <b>4 eggs</b> A. 2 3. 1 2. 4	8 cups	
<b>3 eggs</b> <b>4 eggs</b> A. 2 B. 1 C. 4 D. 6	8 cups	
<b>3 eggs</b> <b>4 eggs</b> A. 2 3. 1 C. 4 D. 6 <b>28. Georgia</b>	8 cups	1 time. What chance does she have that it lands on tails as a
<b>3 eggs</b> <b>4 eggs</b> A. 2 3. 1 2. 4 D. 6 Percentage	8 cups	1 time. What chance does she have that it lands on tails as a
<b>3 eggs</b> <b>4 eggs</b> A. 2 B. 1 C. 4 D. 6 <b>28. Georgia</b> <b>bercentage</b> A. 75%	8 cups	1 time. What chance does she have that it lands on tails as a
<b>3 eggs</b> <b>4 eggs</b> A. 2 J. 1 C. 4 D. 6 <b>28. Georgia</b> <b>Dercentage</b> A. 75% J. 25%	8 cups	1 time. What chance does she have that it lands on tails as a
<b>3 eggs</b> <b>4 eggs</b> A. 2 B. 1 C. 4 D. 6 <b>8. Georgia</b> <b>9. rcentage</b> A. 75% B. 25% C. 10%	a flipped a coin	1 time. What chance does she have that it lands on tails as a
<b>3 eggs</b> <b>4 eggs</b> A. 2 B. 1 C. 4 D. 6 <b>28. Georgia</b> <b>bercentage</b> A. 75% B. 25% C. 10% D. 50%	8 cups	1 time. What chance does she have that it lands on tails as a
<b>3 eggs</b> <b>4 eggs</b> A. 2 3. 1 C. 4 D. 6 <b>28. Georgia</b> <b>28. Georgia</b> <b>29. Complete State</b> <b>29. Complete State</b> <b>20. Complete State <b>20. Complete</b></b></b></b></b></b></b></b></b></b>	a flipped a coin	1 time. What chance does she have that it lands on tails as a
3 eggs 4 eggs A. 2 3. 1 2. 4 D. 6 28. Georgia 5 orcentage A. 75% 3. 25% C. 10% D. 50%	a flipped a coin	1 time. What chance does she have that it lands on tails as a
3 eggs 4 eggs A. 2 3. 1 C. 4 D. 6 <b>28. Georgia</b> <b>Dercentage</b> A. 75% 3. 25% C. 10% D. 50%	a flipped a coin	1 time. What chance does she have that it lands on tails as a
3 eggs 4 eggs 4 eggs 4 2 5 1 2 4 0 6 8. Georgia ercentage 5 25% 5 25% 5 10% 9 50%	a flipped a coin	1 time. What chance does she have that it lands on tails as a



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 $\bigstar$  A. y = 3x

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- B. y = x
- C. y = 2x
- D. y = 5x

33. Hilda has a large cylinder that she is trying to wrap with paper. The cylinder is 10 inches long, and has a radius of 3 inches. How much wrapping paper will she need to cover the whole cylinder?

- A. 321.45 square inches
- B. 402.60 square inches
- C. 200 square inches
- D. 245.04 square inches

#### 34. Solve for x.

-3(-2x+7) = 114

- A. 19
- B. 22.5
- C. 16
- D. -13

#### 35. What is the central angle of the green section of the graph?

- A. 120°
- B. 45°
- C. 126°
- D. 112°

### 36. What is 7/10 as a decimal?

- A. 0.007
- B. 0.07
- C. 0.7
- D. 7.7

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27 If a \$20 inclust in a 15%	off what is the cale prize??
57. II a 380 jacket IS a 15% (	on, what is the sale price??
A. \$66.00	
B. \$46.00	
C. \$94.00	
D. \$62.99	
38. What is the area of the f	following figure?
A. 27 square cm	
B. 45 square cm	
C. 125 square cm	
D. 21 square cm	<u>9 cm</u>
39. A bus driver counted the	e empty number of seats on 7 rides throughout the day. What is
the range of the number of	empty seats?
(1, 1 ,3, 4, 5, 2, 6)	
A. 5	
B. 1	
C. 2	
D. 6	
40 Evaluate	
TV. LVAIUALC.	1/24
	-, -
A.1/8	
B. 1/16	
C. 1/12	
D. 1/48	
41. What is the product of $\cdot$	7 x 3?
A21	
B. 21	
C. 28	
D28	
<b></b>	
42. How many miles is 5 km	? Round to the nearest whole number.
A. 2	
B. 4	
C. 1	
D. 3	

3. Sarah rolls a single die. W	hat chance does she have of rolling a 5?
A. ½	
B. 1/3	
C. 1/6	
D. 1/5	
44. Which of the following is	equivalent to the expression?
-2(9a+7) - (-2a-1)	
A -16a-13	
R -20a-14	
C 16a+13	
D. 20a-14	
45. Solve the following equa	tion.
29.32 ÷ 4 = ?	
A. 8.92	
B. 6.12	
C. 7.33	
D. 5.67	
+6. Hexagon J is a scaled cop	y of Hexagon K. What scale factor takes Hexagon J to Hexagon
Λ:	20
A. 2/1	
B. 5/1	8 30
-,	12
C. 5/2	
D. 4/2	
	Hexagon J Hexagon K
47. What is the interquartile	range of the data set?
(11,13,14,22,54,56,72)	
A. 11	
B. 43	
C. 22	
D. 56	
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48. Solve the followin	g equation.	
-⅔ X -½		
A1/5		
B. 1/5		
C. 2/7		
D2/7		
10 Paprocent the falls	wing as an equation	
49. Represent the rollo	owing as an equation.	
	26:0	
A. 26= 3r + 6.5	2011	
B 26= 3(6 5r)		
D. 20- 3(0.31)		
C. 6.5+r = 3(26)		
D. r + 26= 6.5		
50. Complete the follo	wing table.	

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8 A. y= 1/2, 1/4, 1/6, 1/8)

B. y= (0,1,2,3)

2

4

6

C. y= (1,2,3,4)

D. y= (4,8,12,16)

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ame:	Date:
<b>7TH GRADE MA</b> Solve each problem. Sho	w your work in the box.
Simplify the expression. $\left(\frac{3}{4}x - 4\right) + \left(\frac{1}{2}x + 10\right)$	Brian wants to carpet his rectangular shaped room. He is not going to carpet the triangular corner of the room where the sink is. Help Brian by finding the area of the shaded region below? $\frac{1}{\frac{5}{2}} \frac{1}{\frac{5}{3}} \frac{1}{\frac{6}{2}}$
Select all of the true statements. a. $(x - 7)2 = 2x + 14$ b. $\frac{1}{2}(x + 2) - 3 = -2 + \frac{1}{2}x$ c. $(x - 7)2 = 2x - 14$ d. $4(11 + y) = -11 + \frac{1}{4}x$ e. $6(3 + y) = -2 + \frac{12}{2}y + 20$	If you are going to roll a dice (numbered 1 through 6), which event will be the least likely to happen? a. P(odd) b. P(multiple of 2) c. P(greater than 5) d. P(less than 3)

Name:

Date:

7th Grade Math Review 5

Solve each problem. Show your work in the box.

Is the relationsh proportional of 0 3 6 9 12	nip shown in the table for not proportional? <b>Y</b> <b>Q</b> <b>Q</b> <b>A</b> <b>A</b> <b>A</b> <b>A</b> <b>A</b> <b>A</b> <b>A</b> <b>A</b>	Samantha exercised for 130 minutes this week. She wants to exercise 20 percent more next week. If she meets her goal, how many minutes total will she have exercised for both weeks?
Sol $\frac{g}{4}$ a. g = 2 b. g = -2 c. g = 32 d. g = -32	lve for <i>g</i> . - 9 = −1	You randomly draw a crayon out of a bag that contains 30 total crayons. 7 of the crayons in the bag are red. What is P(draw a red crayon)? If necessary, round your answer to the nearest hundredth.



Name:	Date:
7th Grade M/	ath Review 7
Solve each problem. Sho	ow your work in the box.
At Parker middle school, all of the students are either car riders or bus riders. The ratio of car riders to bus riders is 3 to 7. What percent of the students are bus riders? a. 43% b. 27% c. 30% d. 70%	Select all of the fractions which are equal to repeating decimals. a. $\frac{5}{8}$ b. $\frac{3}{9}$ c. $\frac{7}{14}$ d. $\frac{3}{4}$ e. $\frac{7}{12}$
The bicycle factory tested 250 bikes and found that 3 bikes were defective. If the factory produces 4,260 bikes each week, how many will be defective? Round to the nearest whole number.	Bryce has a job to pick up his neighbor from school. He gets paid \$5 in gas money each day that he picks her up. He also gets paid \$8 for each hour that he watches her in the afternoon. On Monday, Bryce picked her up from school and watched her for 3 and half hours. How much money did he earn on Monday?

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7th Grade M	ATH REVIEW 11
Solve each problem. Sh	ow your work in the box.
Simplify the expression. $(3x+4) - (5-\frac{1}{2}x)$	<ul> <li>A recipe calls for 2 eggs, 3 cups of water, and 1 tablespoon of oil.</li> <li>Select all of the sets of ingredients that are proportional to the recipe.</li> <li>a. 3 eggs, 4 cups of water, 2 tbsp of oil.</li> <li>b. 4 eggs, 6 cups of water, 2 tbsp of oil.</li> <li>c. 4 eggs, 5 cups of water, 3 tbsp of oil.</li> <li>d. 6 eggs, 9 cups of water, 5 tbsp of oil.</li> <li>e. 10 eggs, 15 cups of water, 5 tbsp of oil.</li> </ul>
Isabella is wrapping a cylinder shaped can. The can has a radius of 3 cm and a height of 7.5 cm. What is the surface area of the can? Use 3.14 for $\pi$ .	The double box plot represents the test scores for two different students. Student A Student B

<b>7TH GRADE MATH REVIEW 12</b> Solve each problem. Show your work in the box.	
There are 3 feet in a yard. How can this relationship be written as an equation? a. $f = 3y$ b. $3f = y$ c. $y - 3 = f$ d. $y = 3 + f$	Simplify the expression. $\frac{3^4 \cdot 5^2}{3^3}$
Elise takes a trip from Gainesville, FL to Miami, FL which is approximately 340 miles. She is driving a truck that gets 17 miles per gallon. The gas tank holds 23 gallons of gas. If she starts with a full tank of gas, how many gallons of gas will be left in the tank when she arrives in Miami? a. 14.7 b. 6 c. 2.5 d. 3	A circle has a circumference of 50.24 units. What is the radius of the circle? Use 3.14 for π . a. 4 units b. 8 units c. 25.12 units d. 100.48 units