Math 7 (Last Packet)

Day	Date	Video	Assignment Due	Is it done?
Monday	5/18/2020		2 step equations	
Tuesday	5/19/2020		Practice Quizzes - order of operations and equations - titled with A	
Wednesday	5/20/2020		Practice Quiz 2 - order of operations and equations - titled with B	
Thursday	5/21/2020	like terms		
Friday	5/22/2020	like terms equations	like terms	
Monday	5/25/2020	NO SCHOOL		
Tuesday	5/26/2020	equations with var on 2 sides	like terms equations	
Wednesday	5/27/2020		variable on 2 sides equations	
Thursday	5/28/2020		Practice Quiz - Equations	
Friday	5/29/2020		Practice Quiz B - Equations	
Monday	6/1/2020		Practice Final Part 1	
Tuesday	6/2/2020		Take Final Exam Part 1	
Wednesday	6/3/2020		Practice Final Part 2	
Thursday	6/4/2020		Take Final Exam Part 2	
Friday	6/5/2020	nothing - there would have been no math this day		
How many total did you do:				

Zoom sessions available upon request for those who need help

Name _____ Practice Quiz, Math 7, Order of Operations A

1-7. What is the order of operations?

8. What good does it do us?

9. 4×3^2 _____

10. $16 - 6 \div 2$ _____

11. $4 + 6 \times 5 - (4 - 12)$ _____

12. $2 + 5 \times 7$ _____

13. $5 + 7 \times 8 - 2$ _____

14. $3 \times 4 + 5^2$ _____

15. $4 + 8 \div 2$ _____

16. $(6 - 3)^3 - 10 \times 4$ _____

17. $10 - 2^3 + 4$ _____

18. $7 - 3 \times 8$ _____

19. $5 \times (2 + 3)^2 - 4 \div 2$ _____

20. $6 - (3 - 5) \times 5$ _____

Name _____

Math 7, Equations Practice Quiz A

1. $x + 3 = 9$ _____

2. $x - 4 = 4$ _____

3. $x - 5 = -9$ _____

4. $x + 6 = 9$ _____

5. $x + 8 = 3$ _____

6. $x - 7 = -9$ _____

7. $x + 6 = 8$ _____

8. $x - 5 = 0$ _____

9. $4 = x - 7$ _____

10. $-6 = x + 6$ _____

11. $3x = 15$ _____

12. $-4x = 12$ _____

13. $-7x = -16$ _____

14. $4x = -60$ _____

15. $3x = 7$ _____

16. $x/2 = 5$ _____

A

17. $x/-3 = -4$ _____

18. $x/2 = -7$ _____

19. $x/4 = 9$ _____

20. $x/-5 = -8$ _____

21. $2x + 5 = 15$ _____

22. $-3x + 24 = 12$ _____

23. $-3x - 5 = -16$ _____

24. $8x + 4 = -8$ _____

25. $9x + 5 = 8$ _____

26. $8x - 6 = 14$ _____

27. $x/7 - 7 = 6$ _____

28. $x/6 + 8 = -5$ _____

29. $x/-4 - 9 = -10$ _____

30. $x/4 + 3 = 6$ _____

Name _____ Practice Quiz 2, Math 7, Order of Operations B

1-7. What is the order of operations?

8. What good does it do us?

9. 6×2^3 _____

10. $3 \times 5 + 4^2$ _____

11. $4 \times (2 + 3)^2 - 8 \div 2$ _____

12. $6 - (3 - 7) \times 5$ _____

13. $4 + 6 \div 2$ _____

14. $16 - 8 \div 2$ _____

15. $4 + 7 \times 5 - (5 - 12)$ _____

16. $11 - 2^3 \div 4$ _____

17. $7 - 3 \times 6$ _____

18. $2 + 5 \times 8$ _____

19. $5 + 7 \times 8 - 6$ _____

20. $(6 - 3)^3 - 10 \times 5$ _____

Name _____

Math 7, Equations Practice B

1. $x + 6 = 9$ _____

2. $x - 4 = 6$ _____

3. $x - 8 = -9$ _____

4. $x + 5 = 9$ _____

5. $x + 7 = 3$ _____

6. $x - 8 = -9$ _____

7. $x + 9 = 8$ _____

8. $x - 8 = 0$ _____

9. $4 = x - 9$ _____

10. $-6 = x + 8$ _____

11. $5x = 15$ _____

12. $-6x = 12$ _____

13. $-5x = -16$ _____

14. $4x = -80$ _____

15. $3x = 4$ _____

16. $x/2 = 7$ _____

B

17. $x/-1 = -4$ _____

18. $x/5 = -7$ _____

19. $x/7 = 9$ _____

20. $x/-4 = -8$ _____

21. $5x + 5 = 15$ _____

22. $-6x + 24 = 12$ _____

23. $-7x - 5 = -16$ _____

24. $8x + 7 = -8$ _____

25. $9x + 4 = 8$ _____

26. $8x - 5 = 14$ _____

27. $x/7 - 1 = 6$ _____

28. $x/6 + 6 = -5$ _____

29. $x/-4 - 7 = -10$ _____

30. $x/4 + 6 = 6$ _____

Name _____ Math 7 Notes, Like Terms (2018)

Like terms have exactly the same variables.

Like or unlike?

1. 3x, 3y
2. 3x, -4y
3. -3x, 5x
4. $-5x^2$, $6x^3$
5. 5xy, -6yx
6. 8ab, -8a
7. $-9a^2b$, $7ab^2$
8. $6ab^2$, $-7b^2a$
9. -7, -4
10. -7x, 5

Like terms can be combined (use the adding rules on the coefficients - the numbers in front of the variables)

1. 6x+3x
2. -4x+7x
3. -8x-2x
4. 7x-10x
5. 7x-3x
6. 9x+x
7. 2x+3y+4x+5y
8. 2x+y+3x+2y
9. -2x-3y+7x+3y
10. 2x+3x-8x+2y
11. -2x-3y-4x-5y
12. 2x-4y-5y+6y
13. 3x+4y-5z-6x-2y-3z
14. 3x-y+x-4y
15. 2x-3y-2x-3y
16. 5x+2x-3y-7x
17. -6x+y-6x+3y
18. -7x+3x+2y-8y
19. $-4x^{10}-y^{11}-x^{10}+6y^{11}$

Name _____ **Practice, Math 7, Like terms**

1. **What are like terms?** _____

Are these like terms? Answer Yes or No.

2. 5x, 5 _____
3. 6y, 6x _____
4. 4x, -3x _____
5. 5xy, 7xy _____
6. $6x^2$, 6x _____
7. $4x^2y$, $3xy^2$ _____
8. $5xy^2$, $4xy^2$ _____
9. -2y, 5y _____
10. 3, -5 _____

Combine like terms.

11. 5x + 6x _____
12. 2y + 3y _____
13. 6x - 2x _____
14. 3x - 8x _____
15. -2x - 3x _____
16. -6x + 8x _____
17. -7y + 3y _____
18. 2x + 4 + 5x + 2 _____
19. 4x + 5x + 6x + 4 _____
20. 2x - 3y + 6x - 3y _____
21. -2x + 5y + 3x + 2y _____

22. $2x - 5x + 4y - 2y$ _____

23. $4x + 3 + 5$ _____

24. $2x - 9x - 8 - 2$ _____

25. $-2x - 3y - 4x - 5y$ _____

26. $5x - 6 - 7 - 5x$ _____

27. $3x - 4y - 2x - 9y$ _____

28. $2x + 2y - x - y$ _____

29. $8x - x$ _____

30. $4x + 5x + 6x$ _____

31. $2x + 3y + 4x + 6y$ _____

32. $5x - 2x + 2y - 8y$ _____

33. $2x + 5y + 6y - 11y$ _____

34. $2x + 4 + 8 - 15$ _____

35. $3x + 5y + 6z + 2z$ _____

36. $2x - 3y - 4z + 4x + 5y + 8z$ _____

37. $2x + 3x + 4x + 5x + 6x$ _____

38. $2x + 3 - 8$ _____

39. $3x + 4y - 7x - 2y$ _____

40. $3x + 4y - 8y - 5x$ _____

MATH 7 – LIKE TERMS EQUATIONS

PROBLEMS FOR NOTES

$2x+3x=25$ $\quad$ $2x+3x+4=11$ $\quad$ $3x-2-8x=-31$

$3x+4x=28$

$-6x-2x=32$ $\quad$ $-3x+5x+8=30$ $\quad$ $29=-3x-4x+7$

$2x-7x=-35$

$32=-2x-2x$ $\quad$ $5x+2-6x=-4$ $\quad$ $32=2x-6x-11$

$3x+4x=29$

$-6x+8x=17$ $\quad$ $8x-7x+3=10$

$41=-2x+7x$

Name _____ **Practice, Math 7, Like Terms Equations**

1. $2x + 4x = 12$ _____

2. $2x - 9x = 21$ _____

3. $6x - 3x = -9$ _____

4. $6x + 3x = 9$ _____

5. $2x + 3x = -30$ _____

6. $x - 4x = -9$ _____

7. $-x - 4x = 25$ _____

8. $x - 3x = 8$ _____

9. $4 = x - 5x$ _____

10. $-24 = 5x + 7x$ _____

11. $-5 = 3x + 6x$ _____

12. $3x + 4x = 4$ _____

13. $-2x + 5x = 14$ _____

14. $6x + 2x = 20$ _____

15. $4x + 3x = 12$ _____

16. $2x + 3x + 4 = 8$ _____

17. $3x + 6x - 4 = -5$ _____

18. $2x - 6x - 8 = -8$ _____

19. $5x - 7x + 5 = 5$ _____

20. $7x - 8x - 9 = 3$ _____

21. $-4x - 2x - 4 = -8$ _____

22. $3x - 8x + 3 = -4$ _____

23. $-4x + 8x + 5 = -2$ _____

24. $2x + 5x + 5 = 0$ _____

25. $x + x - 6 = 0$ _____

26. $3 = 4x - 6x - 8$ _____

27. $-2 = 2x - 8x + 4$ _____

28. $5 = -4x - x - 2$ _____

29. $-8 = 3x - 5x + 6$ _____

30. $0 = 5x - 8x + 9$ _____

MATH 7 - VARIABLES ON 2 SIDES OF AN EQUATION

PROBLEMS FOR NOTES

$6x + 8 = 2x$ $2x + 7 = 8x + 10$ $-3x - 5 = -8x + 14$

$5x = 3x - 8$

$8x - 4 = 2x - 21$ $2x + 6 = -3x - 10$

$-2x + 7 = 4x$

$-2x - 3 = -6x + 10$ $-5x + 3 = 4x - 27$

$16 - 3x = x$

Name _____

Practice, Math 7, Variable on Both Sides Equations

1. $5x = 4x + 5$ _____

2. $4x = 12 + 2x$ _____

3. $3x = -9 + 2x$ _____

4. $2x = 18 - 4x$ _____

5. $x = 20 + 5x$ _____

6. $2x - 3 = -9 + 4x$ _____

7. $3x + 3 = 8 - 2x$ _____

8. $4x - 4 = 8 + 6x$ _____

9. $4 - x = 10 - 4x$ _____

10. $-1 - x = 11 - 5x$ _____

11. $-5 - x = 9 + 3x$ _____

12. $3 + 3x = 4 + 2x$ _____

13. $-2 + 2x = 9 + 6x$ _____

14. $6 + x = 9 - 3x$ _____

15. $x + 3 = 12 - 5x$ _____

16. $2x + 4 = 8 - 6x$ _____

17. $3x - 4 = -5 - 2x$ _____

18. $4x - 8 = -8 - x$ _____

19. $5x + 5 = 5 + 4x$ _____

20. $6x - 9 = 3 + 3x$ _____

21. $7x - 4 = -8 + 8x$ _____

22. $8x + 3 = -4 - 2x$ _____

23. $9x + 5 = -2 + 7x$ _____

24. $8x + 5 = 10 - 4x$ _____

25. $7x - 6 = 20 + 3x$ _____

26. $3 - 3x = 6x - 8$ _____

27. $7x - 2 = 5x + 4$ _____

28. $5 + 6x = 4x - 2$ _____

29. $-5x - 8 = 3x + 6$ _____

30. $4x - 30 = 2x + 9$ _____

Name _____ **Practice, Math 7, Equations**

1. **What are like terms?** _____

Are these like terms? Answer Yes or No.

2. 2x, 2 _____

3. 7y, 7x _____

4. 4x, -5x _____

5. -3x + 4y + 5x + 6y _____

6. 5x - 6x + 7y - 8y _____

7. 2x + 4 + 6 _____

8. -2x - 4x - 6 - 8 _____

9. $2x - 6y + 8x - 10y$ _____

10. $7x - 1 - 7 + x$ _____

11. $2x + 4x = 30$ _____

12. $2x - 9x = 28$ _____

13. $-6x - 3x = 27$ _____

14. $6x + 2x = 15$ _____

15. $2x + 3x = -28$ _____

16. $2x + 5x + 4 = 8$ _____

17. $3x + 6x - 4 = -5$ _____

18. $2x - 7x - 8 = -8$ _____

19. $5x - 8x + 5 = 5$ _____

20. $7x - 9x - 9 = 3$ _____

21. $7x = 6x + 5$ _____

22. $4x = 12 - 2x$ _____

23. $5x = -9 + 2x$ _____

24. $2x = 18 - 3x$ _____

25. $x = 20 + 7x$ _____

26. $3 - 4x = 6x - 8$ _____

27. $4x - 2 = 5x + 4$ _____

28. $5 + 6x = 4x - 2$ _____

29. $-7x - 8 = 3x + 6$ _____

30. $8x - 30 = 2x + 9$ _____

Name _____ **Math 7, Equations Practice B**

1. **What are like terms?** _____

Are these like terms? Answer Yes or No. (3)

2. -5, 4 _____ 3. 6a, 6b _____ 4. 3x, 6x _____

Combine like terms. (6)

5. $6x + 7y + 3x + 5y$ _____

6. $5x - 8x + 6y - 2y$ _____

7. $7x + 6 + 6$ _____

8. $-6x - 2x - 4y - 7y$ _____

9. $2x - 8y - 8x + 9y$ _____

10. $3x + 9 - 3 + 6x$ _____

Solve. (20)

11. $2x + 4x = 30$ _____

12. $2x - 7x = 25$ _____

13. $6x - 5x = 27$ _____

14. $7x + 2x = 20$ _____

15. $-2x + 4x = -12$ _____

16. $4x + 5x + 4 = 22$ _____

17. $-3x + 4x - 4 = -8$ _____

18. $-2x - 4x - 4 = -4$ _____

19. $5x - 8x + 8 = 5$ _____

20. $5x - 9x - 9 = 3$ _____

21. $7x = 6x + 9$ _____

22. $4x = 18 - 3x$ _____

23. $5x = -12 + 7x$ _____

24. $2x = 12 - 3x$ _____

25. $x = 25 + 4x$ _____

26. $5 - 4x = 4x - 6$ _____

27. $7x - 2 = 6x + 4$ _____

28. $5 + 4x = 8x - 2$ _____

29. $-7x - 8 = 2x + 6$ _____

30. $8x - 5 = 5x + 9$ _____

Name _____ Practice Final Exam, Math 7 PART 1

1. Find the product of 537 and 24. _____

2. What is the difference of 1464 and 835? _____

3. If 19 students each had 8 books, how many books are there in all? _____

4. Tom had $6.83 and earned $12.49 more. How much money did he have in all? _____

5. What is the sum of 373 and 246? _____

6. The regular price of a $486.84 item is decreased by $34.59. How much does it cost? _____

7. If 360 pennies are put into 8 equal stacks, how many pennies will be in each stack? _____

8. What is the quotient of 4556 and 21? _____

9. What time is 7 hours before 3:00 AM? _____

Round 5996. 3254 to the nearest

10. hundredth _____

11. thousandth _____

12. hundred _____

13. thousand _____

14. Which of 61, 63, and 67 is not prime? _____ Why? _____

15. Which of 111, 113, and 115 is prime? _____

16. Find the average of 12, 16, 26, and 34 _____

17. Write the factors of 48 _____

Find the greatest common factor for each set of numbers.

18. 16 and 24 _____

19. 12, 20, and 48 _____

20. What are the first four multiples of 8? _____

21. What is the LCM of 12 and 8? _____

22. What is the LCM of 12 and 24? _____

23. 2^5 _____

24. 10^4 _____

25. 7 "squared" _____

26. 9 "cubed" _____

27. Find the square root of 49 _____

Which numbers from 2 to 10 are divisors of the following?

28-31. 3640 _____

32-5. 83,538 _____

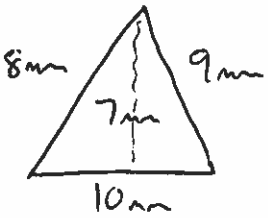
Find the perimeter, area, volume, surface area, or circumference of each shape.

36-7.

P=_____

A=_____

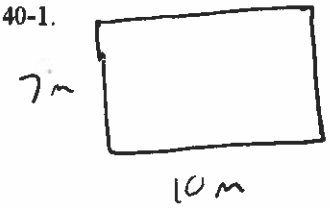
38-9.



P=_____

A=_____

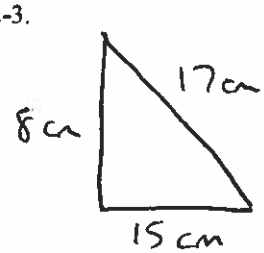
40-1.



P=_____

A=_____

42-3.



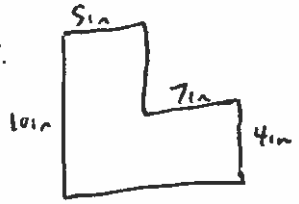
P=_____

A=_____

44-5. 

P=_____

A=_____

46-7. 

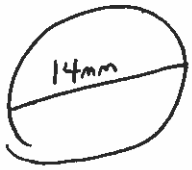
P=_____

A=_____

48-9. 

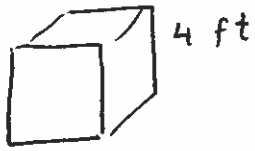
C=_____

A=_____

50-1. 

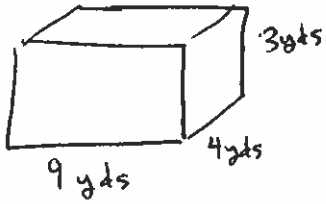
C=_____

A=_____

52-3. 

V=_____

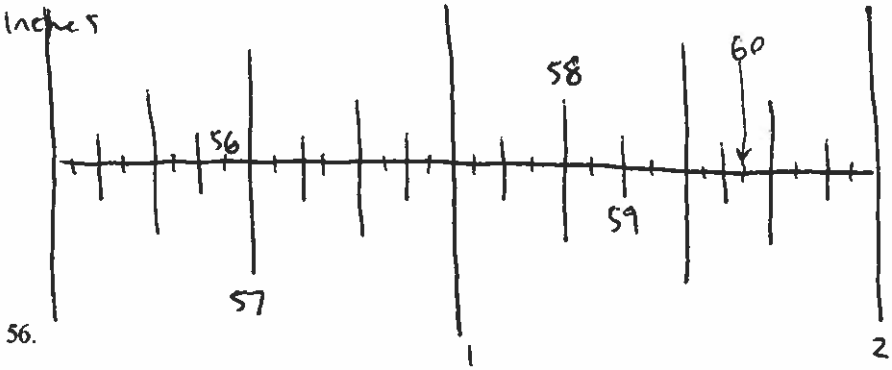
S=_____

54-5. 

V=_____

S=_____

What is the arrow pointing to on the ruler below?



56. _____

57. _____

58. _____

59. _____

60. _____

61. What is 3/5 of 60? _____

62. 45 is 3/5 of what? _____

63. What is .7 of 70? _____

64. 52 is .8 of what? _____

65. What is 45% of 60? _____

66. 51 is 60% of what? _____

67. $3 \times 5 + 6^2$ _____

68. $4 \times (2 + 7)^2 - 8 \div 2$ _____

69. $6 - (3 - 8) \times 5$ _____

70. $6 + 4 \div 2$ _____

71-100. Fill in the rest of this chart:

Fraction	Decimal	Percent
4 ½		
5/600		
3/7		
5/9		
7/25		
7/15		
	.625	
	$.00\overline{63}$	
	$.\overline{8}$	
	.495	
	5.25	
		$44.\overline{4}$
		70
		6
		240

PART 1

Name _____ Final Exam, Math 7

1. Find the product of 237 and 24. _____

2. What is the difference of 1864 and 835? _____

3. If 18 students each had 8 books, how many books are there in all? _____

4. Tom had $6.13 and earned $12.49 more. How much money did he have in all? _____

5. What is the sum of 343 and 246? _____

6. The regular price of a $476.84 item is decreased by $34.59. How much does it cost? _____

7. If 360 pennies are put into 9 equal stacks, how many pennies will be in each stack? _____

8. What is the quotient of 4856 and 21? _____

9. What time is 8 hours before 3:00 AM? _____

Round 5956. 3728 to the nearest

10. hundredth _____

11. thousandth _____

12. hundred _____

13. thousand _____

14. Which of 71, 73, and 77 is not prime? _____ Why? _____

15. Which of 81, 83, and 85 is prime? _____

16. Find the average of 8, 16, 26, and 34 _____

17. Write the factors of 30 _____

Find the greatest common factor for each set of numbers.

18. 16 and 12 _____

19. 12, 15, and 36 _____

20. What are the first five multiples of 6? _____

21. What is the LCM of 6 and 8? _____

22. What is the LCM of 4 and 8? _____

23. 2^6 _____

24. 10^5 _____

25. 8 "squared" _____

26. 5 "cubed" _____

27. Find the square root of 81 _____

Which numbers from 2 to 10 are divisors of the following?

28-31. 1540 _____

32-5. 62,370 _____

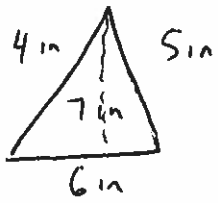
Find the perimeter, area, volume, surface area, or circumference of each shape.

36-7.

P=_____

A=_____

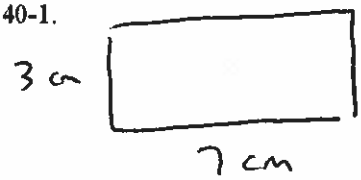
38-9.



P=_____

A=_____

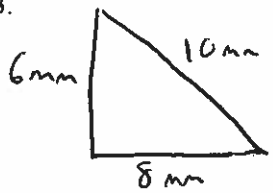
40-1.



P=_____

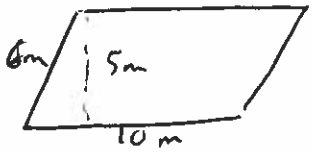
A=_____

42-3.



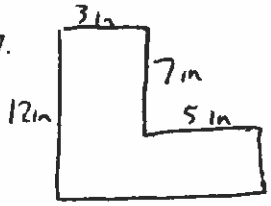
P=_____

A=_____

44-5. 

P=_____

A=_____

46-7. 

P=_____

A=_____

48-9. 

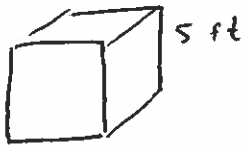
C=_____

A=_____

50-1. 

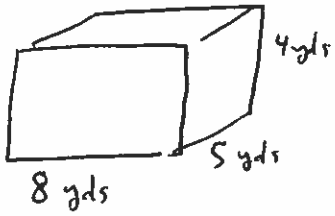
C=_____

A=_____

52-3. 

V=_____

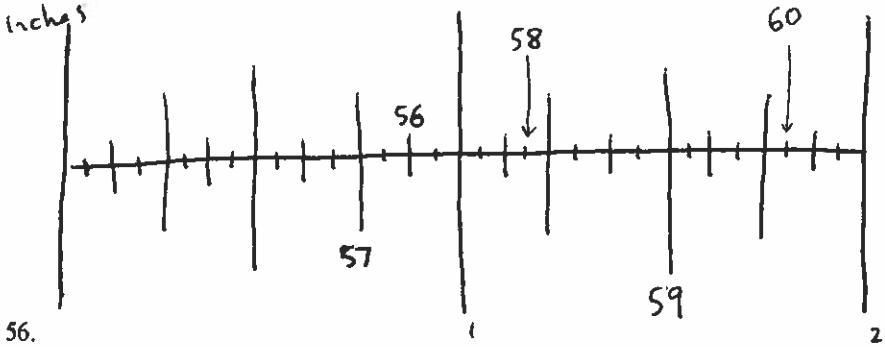
S=_____

54-5. 

V=_____

S=_____

What is the arrow pointing to on the ruler below?



56. _____

57. _____

58. _____

59. _____

60. _____

61. What is 3/5 of 50? _____

62. 60 is 3/5 of what? _____

63. What is .7 of 80? _____

64. 60 is .8 of what? _____

65. What is 40% of 50? _____

66. 48 is 80% of what? _____

67. $3 \times 5 + 4^2$ _____

68. $4 \times (2 + 3)^2 - 8 \div 2$ _____

69. $6 - (3 - 7) \times 5$ _____

70. $4 + 6 \div 2$ _____

71-100. Fill in the rest of this chart:

Fraction	Decimal	Percent
3 ½		
5/6		
4/7		
7/9000		
9/20		
11/15		
	.875	
	$.00\overline{45}$	
	$.\overline{6}$	
	.465	
	2.25	
		$77.\overline{7}$
		90
		7
		320

PART 2

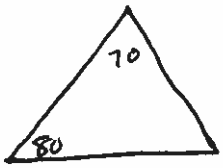
Name _____ Practice Final Exam, Math 7

1. If there are 6 red, 2 blue, and 4 white marbles in a bag, what is the probability of picking a red marble?

_____

Find the missing angle in the triangle:

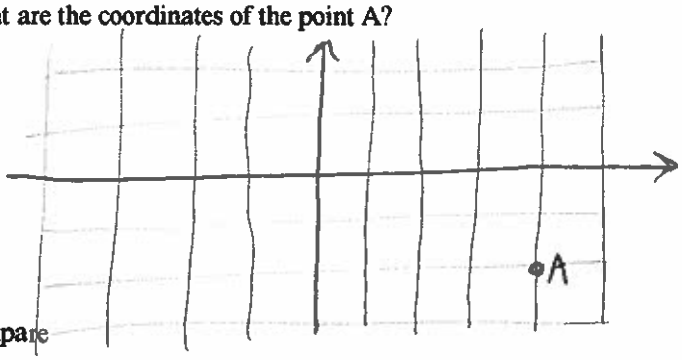
2.



_____

What are the coordinates of the point A?

3.



_____

Compare

4. -18 _____ -10

5. -4 _____ 3

6. .03 _____ .007

7. .0020 _____ .002

8. .008 _____ .08

Name-Changer Machine

9. $\frac{3}{5} = \frac{?}{40}$

_____

Write as an improper fraction.

10. $5\frac{3}{8}$

_____

11. 7

_____

Find the reciprocal of each number.

12. $\frac{7}{8}$

_____

13. 3

_____

Simplify

14. $\frac{18}{5}$ _____

15. $\frac{35}{7}$ _____

16. $\frac{18}{40}$ _____

17. $\frac{60}{48}$ _____

18. $4\frac{8}{6}$ _____

Perform the indicated operation.

19. $\frac{3}{7}+\frac{2}{7}$ _____

20. $\frac{7}{12}-\frac{5}{12}$ _____

21. $\frac{2}{5}+\frac{2}{5}+\frac{2}{5}+\frac{2}{5}$ _____

22. $\frac{3}{4}-\frac{5}{8}$ _____

23. $\frac{7}{9}-\frac{3}{5}$ _____

24. $\frac{2}{7}+\frac{5}{8}$ _____

25. $\frac{3}{5}+\frac{4}{7}$ _____

26. $1\frac{3}{4}+2\frac{5}{8}$ _____

27. $4\frac{2}{3}-1\frac{4}{5}$ _____

28. $3\frac{5}{6}-1\frac{2}{3}$ _____

29. $2\frac{2}{8}+4\frac{3}{7}$ _____

30. $\frac{6}{7}\cdot\frac{3}{11}$ _____

31. $\frac{6}{7}\cdot\frac{1}{2}$ _____

32. $\frac{1234}{5678}\cdot\frac{5678}{1234}$ _____

33. $\frac{5}{12}\div\frac{15}{9}$ _____

34. $1234\frac{567}{890}\div 1234\frac{567}{890}$ _____

35. $\frac{4}{5}\div\frac{5}{8}$ _____

36. $2\frac{3}{4}\cdot 2\frac{4}{11}$ _____

37. $3\frac{1}{2}\cdot 4$ _____

38. $30\div 3\frac{1}{3}$ _____

39. $3\frac{2}{5}\div 2\frac{1}{8}$ _____

40. $\frac{5}{8}\div\frac{2}{3}\cdot 1\frac{2}{5}\div\frac{7}{8}\div 1\frac{1}{2}\cdot\frac{3}{4}$ _____

41. .25 + .4 _____

42. .49 + .875 _____

43. 4.56 + 2 _____

44. 2.67 - 1.4 _____

45. 4.3 - 3.69 _____

46. 5.71 - 2 _____

47. .052 - .00368 _____

48. 4 - 2.368 _____

49. .3 x .08 _____

50. .35 x 1000 _____

51. .64 x 3.8 _____

52. .68 x .5 _____

53. .04 x .08 _____

54. .126 ÷ 5 _____

55. 2.37 ÷ 100 _____

56. .987654321 ÷ .987654321 _____

57. .432 ÷ 1.8 _____

58. 9.5 ÷ .25 _____

59. (+7) + (+2) _____

60. -8 + (-5) _____

61. -6 + (+9) _____

62. (+4) + -4 _____

63. 6 + (-7) _____

64. -3 - 8 _____

65. (-4) - (-8) _____

66. (+7) - (- 9) _____

67. 6 - (+9) _____

68. (-3) - -3 _____

69. (+6) - 7 _____

70. -4 - - 1 _____

71. (-5) - 5 _____

72. (+7)(+8) _____

73. (-8)(-5) _____

74. (-4)(+2) _____

75. (+7)(-4) _____

76. -24 / -8 _____

77. -42 / +6 _____

78. +35 / -7 _____

79. (+36) / (+4) _____

Solve the equation.

80. x + 5 = 8 _____

81. x - 7 = 5 _____

82. x - 3 = -6 _____

83. x + 5 = 1 _____

84. x + 5 = -4 _____

85. -2 = x - 7 _____

86. -6 = x - 6 _____

87. 9x = 45 _____

88. $4x = -34$ _____

89. $-67 = -10x$ _____

90. $x/4 = -6$ _____

91. $x/-6 = -7$ _____

92. $x / -8 = 9$ _____

93. $4x + 5 = 25$ _____

94. $-8x + 6 = 74$ _____

95. $9x + 7 = 10$ _____

96. $x/5 - 1 = 6$ _____

97. $5x + 4x = -42$ _____

98. $-4x + 9x + 4 = -26$ _____

99. $6x + 23 = 3x$ _____

100. $5x - 3 = -3x + 42$ _____

PART 2

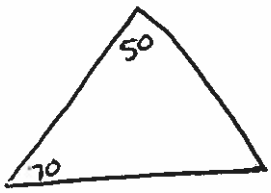
Name _____ Final Exam, Math 7

1. If there are 3 red, 5 blue, and 4 white marbles in a bag, what is the probability of picking a red marble?

_____

Find the missing angle in the triangle:

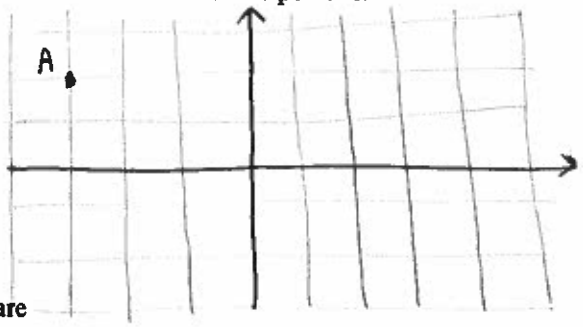
2.



_____

What are the coordinates of the point A?

3.



_____

Compare

4. -8 _____ -10

5. -3 _____ 2

6. .03 _____ .003

7. .0040 _____ .004

8. .009 _____ .08

Name-Changer Machine

9. $\frac{3}{5} = \frac{?}{30}$

_____

Write as an improper fraction.

10. $5\frac{3}{7}$

_____

11. 4

_____

Find the reciprocal of each number.

12. $\frac{3}{8}$

_____

13. 9

_____

Simplify

14. $\frac{13}{5}$ _____

15. $\frac{32}{8}$ _____

16. $\frac{16}{36}$ _____

17. $\frac{48}{36}$ _____

18. $6\frac{7}{3}$ _____

Perform the indicated operation.

19. $\frac{1}{5}+\frac{2}{5}$ _____

20. $\frac{7}{12}-\frac{1}{12}$ _____

21. $\frac{2}{3}+\frac{2}{3}+\frac{2}{3}+\frac{2}{3}$ _____

22. $\frac{5}{6}-\frac{2}{3}$ _____

23. $\frac{7}{9}-\frac{2}{5}$ _____

24. $\frac{2}{7}+\frac{3}{8}$ _____

25. $\frac{3}{4}+\frac{4}{5}$ _____

26. $1\frac{2}{3}+2\frac{5}{6}$ _____

27. $2\frac{2}{3}-1\frac{3}{4}$ _____

28. $3\frac{5}{6} - 1\frac{1}{2}$ _____

29. $2\frac{2}{5} + 4\frac{3}{7}$ _____

30. $\frac{6}{7} \cdot \frac{3}{5}$ _____

31. $\frac{6}{7} \cdot \frac{2}{3}$ _____

32. $\frac{1234}{5678} \cdot \frac{5678}{1234}$ _____

33. $\frac{5}{6} \div \frac{10}{9}$ _____

34. $1234\frac{567}{890} \div 1234\frac{567}{890}$ _____

35. $\frac{10}{5} \div \frac{5}{8}$ _____

36. $1\frac{3}{4} \cdot 2\frac{4}{7}$ _____

37. $3\frac{2}{3} \cdot 4$ _____

38. $10 \div 3\frac{1}{3}$ _____

39. $3\frac{2}{3} \div 1\frac{3}{8}$ _____

40. $\frac{5}{8} \div \frac{2}{3} \cdot 1\frac{2}{5} \div \frac{7}{8} \div 1\frac{1}{2} \cdot \frac{2}{3}$ _____

41. .25 + .3 _____

42. .49 + .775 _____

43. 4.56 + 8 _____

44. 2.67 - 1.3 _____

45. 4.3 - 3.89 _____

46. 3.71 - 2 _____

47. .072 - .00368 _____

48. 5 - 2.368 _____

49. .4 x .08 _____

50. .73 x 1000 _____

51. .67 x 2.8 _____

52. .65 x .8 _____

53. .02 x .08 _____

54. .123 ÷ 5 _____

55. 67.8 ÷ 100 _____

56. .987654321 ÷ .987654321 _____

57. .414 ÷ 1.8 _____

58. 5.5 ÷ .0025 _____

59. (+6) + (+2) _____

60. -7 + (-5) _____

61. -8 + (+9) _____

62. (+5) + -5 _____

63. 6 + (-7) _____

64. -3 - 7 _____

65. (-4) - (-9) _____

66. (+7) - (- 8) _____

67. 8 - (+9) _____

68. (-4) - -4 _____

69. (+6) - 5 _____

70. -4 - - 2 _____

71. (-7) - 7 _____

72. (+7)(+8) _____

73. (-8)(-9) _____

74. (-4)(+3) _____

75. (+6)(-4) _____

76. -32 / -8 _____

77. -48 / +6 _____

78. +56 / -7 _____

79. (+32) / (+4) _____

Solve the equation.

80. x + 5 = 9 _____

81. x - 7 = 6 _____

82. x - 3 = -7 _____

83. x + 5 = 4 _____

84. x + 5 = -2 _____

85. -2 = x - 5 _____

86. -8 = x - 8 _____

87. 5x = 45 _____

88. $6x = -34$ _____

89. $-31 = -10x$ _____

90. $x/2 = -6$ _____

91. $x/-4 = -7$ _____

92. $x / -7 = 9$ _____

93. $5x + 5 = 25$ _____

94. $-6x + 6 = 74$ _____

95. $12x + 7 = 10$ _____

96. $x/7 - 1 = 6$ _____

97. $3x + 4x = -34$ _____

98. $-7x + 9x + 4 = -6$ _____

99. $6x + 13 = 2x$ _____

100. $5x - 3 = -2x + 10$ _____