_____ Name: _____

(Hour) Date Due: _____

6th Grade Practice Sheet 13

Show all work

1. Solve. Write in simplest form. $\frac{3}{4} \times \frac{5}{6}$	6. Solve. Write in simplest form. $1\frac{4}{5} \times \frac{5}{6}$
2. Solve. Write in simplest form. $4\frac{2}{3} \times 2\frac{2}{5}$	7. Solve. Write in simplest form $\frac{3}{8} \times 2\frac{4}{5}$
3. Solve. Write in simplest form. $\frac{5}{6} \div \frac{2}{3}$	8. Solve. Write in simplest form. $7 \div \frac{2}{3}$
4. Find the sum. 3.2 and 4.89	9. Find the difference. 45 and 32.156
5. Find the sum. $4\frac{1}{8}$ *and* $1\frac{11}{12}$	10. Find the difference. $1\frac{4}{15}$ *and* $\frac{7}{10}$

11. ESTIMATE the product:

$7\frac{3}{5} \cdot 10\frac{2}{3}$

16. ESTIMATE the quotient:

$20\frac{3}{4} \div 2\frac{5}{6}$

12. ESTIMATE the product:

15.369 *and* 8.652

17. ESTIMATE the quotient:

254.5982 *and* 5.1

13. Find the product:

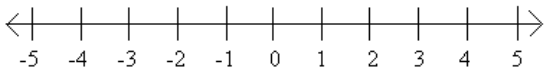
66.2 *and* 9.7

18. Find the quotient:

1.764 *and* 0.07

14. Graph the set of integers on the number line.

(-5, 0, -3, 4)



19. Draw a number line and graph the set of integers.

(6, -3, 2, -1)

15. Write an integer for the situation.

Earning $35

20. Write an integer for the situation.

4 miles below sea level

21) The number of raffle tickets the student council sold over three days is shown in the table. How many total raffle tickets did they sell?

Day	Tickets
Wednesday	35
Thursday	23
Friday	46

a) 58 raffle tickets

b) 81 raffle tickets

c) 104 raffle tickets

d) 94 raffle tickets

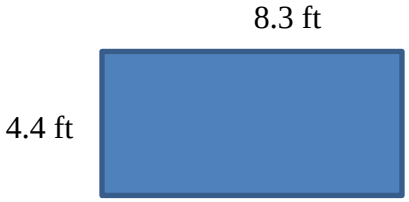
22) The Sanchez family is building the dog pen shown. What is the area of the dog pen? (Hint: $A = lw$)

a) 32 square feet

b) 36.52 square feet

c) 36 square feet

d) 32.12 square feet



23) The set department has a 5 foot board. They cut 2 segments that are $1\frac{1}{2}$ foot each. How much of the board is left?

a) $3\frac{1}{2}$ feet

b) $\frac{1}{2}$ feet

c) 4 feet

d) 2 feet

24) How many $\frac{3}{8}$ pound bags of trail mix can be made from $6\frac{3}{8}$ pounds of trail mix?

a) 6 bags

b) 17 bags

c) 12 bags

d) 20 bags

25) Turner has 6 pounds of pasta. Each time he makes dinner he uses $\frac{3}{4}$ pounds of pasta. How many dinners can he make?

a) 8 dinners

b) 10 dinners

c) 6 dinners

d) 4 dinners

26) Lawrence worked 12 days for a total of 112.8 hours. How many hours did he average per day?

a) 1.9 hours per day
b) 8.9 hours per day
c) 9.3 hours per day
d) 9.4 hours per day

27) Robert has a garden that is 2/3 of an acre big. He wants to divide the garden into four equal sections. How big will each section be?

a) 4 acres
b) 1/6 of an acre
c) 1/9 of an acre
d) 1/4 of an acre

28) Jaden uses $9\frac{1}{8}$ inches of yarn to make a tassel. Which is the best estimate for the amount of yarn that she will need for 16 tassels?

a) 10 inches
b) 80 inches
c) 150 inches
d) 180 inches

29) Ali is cutting a roll of cookie dough into slices that are $\frac{3}{8}$ inch thick. If the roll is $10\frac{1}{2}$ inches long, how many slices can he cut?

a) 28 slices
b) 10 slices
c) 38 slices
d) 88 slices

30) Using GCF and the distributive property what is the correct way to express:

$$30 + 75$$

a) $2(15 + 75)$
b) $5(6 + 15)$
c) $15(2 + 5)$
d) $3(10 + 25)$