

5.1 Puzzle Time

Did You Hear About The...

A	B	C	D	E	F
G	H	I	J	K	L

Complete each exercise. Find the answer in the answer column. Write the word under the answer in the box containing the exercise letter.

17 to 5 AND	1 to 6; MUST
2 : 11 FAST	12 HAPPY
3 to 7; 3 : 7 THAT	2 to 3 to 4; EACH
4 to 5; 4 : 5 INTO	3 : 5 : 7 OXIDENT
75 COW	4 to 6; 4 : 6 OXEN
25 SUNSHINE	7 : 17 IT
3 to 4; 3 : 4 TWO	6 to 3; 6 : 3 BUMPED
65 CART	1 to 2; 1 : 2 ROCKS
7 to 2 AN	80 GRASS
5 to 6; 5 : 6 HORSE	3 to 17 OTHER
3 : 5 WAS	64 WEATHER

Write the ratio.

- A. circles to squares
□ ○ □
□ ○ ○ □
- B. triangles to parallelograms
△ □ □ □
□ □ △ □ □
- C. multiplication signs to equal signs
× = = =
× = × = ×
- D. dollar signs to arrows
\$ → \$
\$ → \$ → \$
- E. addition signs to division signs
+ + + + +
+ + + + +
- F. squares to triangles to circles
□ ○ △
△ ○ △ □ ○

Use the table to write the ratio.

Music	Rock	Hip Hop	Country	Jazz
Number	3	7	5	2

- G. rock to music
- H. music to country
- I. hip hop to music
- J. rock to country
- K. hip hop to jazz
- L. rock to country : hip hop

5.6 Puzzle Time

Solve the problems on the back of this notebook or on another piece of paper. Why Was The Math Textbook Feeling Sad?

Write the letter of each answer in the box containing the exercise number.

Find the percent of the number.

- 10% of 50
- 20% of 30
- 25% of 40
- 4% of 50
- 40% of 60
- 50% of 38
- 60% of 70
- 75% of 20
- 15% of 10
- 16% of 80
- 17% of 25
- 42% of 20

Find the whole.

- 30% of what number is 9?
- 50% of what number is 11?
- 25% of what number is 20?
- 60% of what number is 21?
- 75% of what number is 12?
- 10% of what number is 6?
- 120% of what number is 48?
- 150% of what number is 75?

- The length of a rectangle is 16 inches. If the width is 50% of its length, what is the width of the rectangle?
- In your math class, 60% of the students are girls. If there are 15 girls in the class, how many students are in your math class?

Answers for Exercises 1-12	
D. $8\frac{2}{5}$	F. $1\frac{1}{2}$
O. 6	S. 19
L. 42	M. $4\frac{1}{4}$
H. 24	L. 10
A. $12\frac{4}{5}$	E. 5
G. 2	P. 15
Answers for Exercises 13-22	
T. 60	S. 35
P. 22	B. 50
I. 8	R. 30
E. 40	E. 25
L. 80	E. 16

8	13	2	20	7	22	11	16	9	21	3	15	1	12	18	5	17	14	10	4	19	6
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