

Permission is granted to reproduce this page for classroom use with *Middle School Math with a Pizza!* (Blinder B) Copyright © 2009 by The McGraw-Hill Companies, Inc.

Solve each problem below. Find your solution and notice the two letters next to it. Write these letters in the two boxes above the exercise number at the bottom of the page.

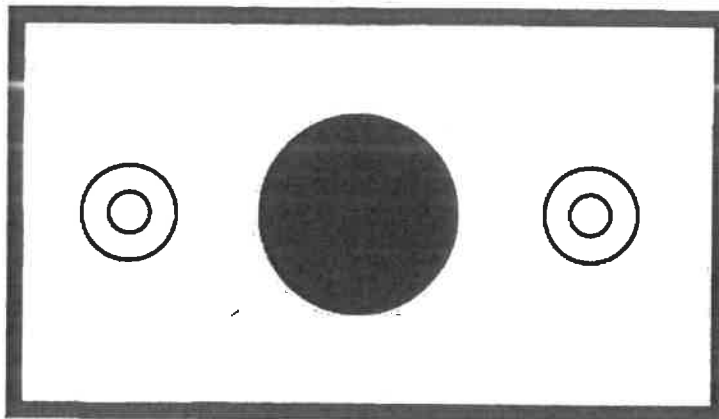
- | | |
|----|-------|
| LO | 841.5 |
| RO | 49.6 |
| UN | 65.2 |
| BA | 6.4 |
| TF | 1.45 |
| AS | 19.22 |
| IN | 40.3 |
| PR | 4.4 |
| DE | 8.25 |
| PE | 37.83 |
| TI | 824.5 |
| CH | 18.62 |
| EN | 19.6 |
| GC | 1.75 |
| TH | 3.7 |
| FO | 38.43 |

7	2	10	5	1	8	3	6	9	4			

What Is the Title?

TO DECODE THE TITLE
OF THIS PICTURE:

Do each exercise and find your answer
in the appropriate answer column.
Notice the symbol next to the answer.
Each time this symbol appears in the
code, write the letter of the exercise
above it.



CODED TITLE:

zz ¢¢ \$\$ \ \ ## == ?? ** [] ¢¢ :: () >< ¢¢ ** // == @@ && [] >< xx // //

// == -- -- == @@ &&)(xx <> ++ == :: :: == || " " // zz]| -- %% ¢¢ zz

Answers for W – N:	
[]	67.66
& &	0.95
**	32.25
x x	36.63
)(	0.5385
" "	2.508
	4.75
< >	0.98
::	2.8
%%	22.777
\ \	4.66
@@	13.6
??	63.86
] [	37.53
\$ \$	0.5175
()	24.677

(W) $7.2 + 16.6 + 8.45$

(U) 4.18×0.6

(A) $0.33 + 33 + 3.3$

(F) $7 \overline{)19.6}$

(C) $38 + 8$

(M) 0.83×0.12

(T) $0.6 \overline{)3.24}$

(O) $\frac{16.7}{0.5}$

(I) $(2.5 + 0.187) \times 10$

(S) The paper feed on a copying machine has room for a stack of paper 4.0 cm high. If 10 sheets of paper are 0.08 cm thick, how many sheets will fit? (HINT How thick is 1 sheet?)

(H) $32.067 - 9.29$

(P) 57.5×0.009

(E) $90 - 26.14$

(G) $4 \overline{)3.8}$

(N) $340 \div 25$

(D) $0.7 \times 0.6 \times 0.5$

(V) $0.09 \overline{)1.863}$

(B) $\frac{2.6}{0.16}$

(L) $(100 - 19.2) \div 100$

Answers for M – S:	
##	20.7
] [	12.7
	0.0996
< >	16.33
--	500
¢ ¢	33.4
\ \	320
= =	26.87
z z	5.4
()	21.5
@@	5.9
[]	0.0876
> <	16.25
++	0.21
)(	34.7
//	0.808

How's Business?



1. Muffler salesman:

“ $\frac{5}{16}$ $5\frac{5}{7}$ $1\frac{5}{12}$ $3\frac{7}{10}$ $1\frac{1}{14}$ $2\frac{2}{9}$ $10\frac{1}{4}$ 16 $3\frac{3}{4}$ $5\frac{1}{2}$ ”

2. Fireworks salesman:

“ $7\frac{1}{2}$ $\frac{5}{16}$ $3\frac{7}{10}$ $\frac{3}{8}$ $\frac{3}{8}$ $4\frac{3}{5}$ $\frac{5}{6}$ 18 $\frac{7}{15}$ $\frac{7}{15}$ $\frac{11}{15}$ 16 $3\frac{3}{4}$ $5\frac{1}{2}$ ”

3. Lumber salesman:

“ 16 $5\frac{3}{4}$ $9\frac{4}{5}$ $\frac{7}{15}$ $\frac{7}{15}$ $8\frac{9}{16}$ $\frac{5}{16}$ $3\frac{3}{4}$ $9\frac{1}{2}$ $5\frac{7}{18}$ $3\frac{3}{4}$ $\frac{7}{15}$ $9\frac{4}{5}$ ”

Each of these salesmen is answering the question, "HOW'S BUSINESS?"
To decode their answers:

Do each exercise below and find your answer in the code. Each time the answer appears, write the letter of the exercise above it.

(M) $\frac{1}{3}$
 $+ \frac{2}{5}$

(L) $\frac{7}{8}$
 $- \frac{1}{2}$

(H) $\frac{3}{4}$
 $+ \frac{2}{3}$

(D) $3\frac{5}{16}$
 $+ 5\frac{1}{4}$

(G) $9\frac{7}{10}$
 $- 4\frac{1}{5}$

(T) $7\frac{2}{3} + 2\frac{7}{12}$

(K) $13\frac{5}{9} - 8\frac{1}{6}$

(Y) $6\frac{1}{2} - 1\frac{9}{10}$

(E) $\frac{3}{8} \times \frac{5}{6}$

(U) $\frac{3}{4} \div \frac{7}{10}$

(I) $\frac{2}{5}$ of 40

(R) $4\frac{1}{2} \times 1\frac{2}{3}$

(S) $8\frac{1}{3} + 3\frac{3}{4}$

(B) $2\frac{5}{8} \times \frac{4}{7} \times 12$

(X) $20 \div 3\frac{1}{2}$

(A) $1\frac{3}{5} \times 2\frac{5}{16}$

(O) $4\frac{2}{3} \div 10$

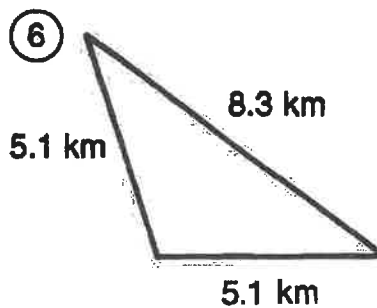
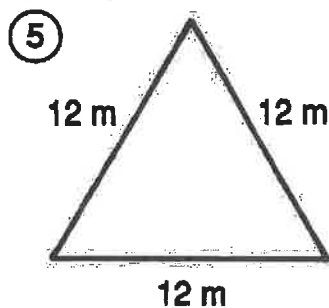
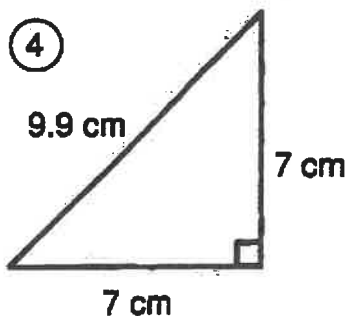
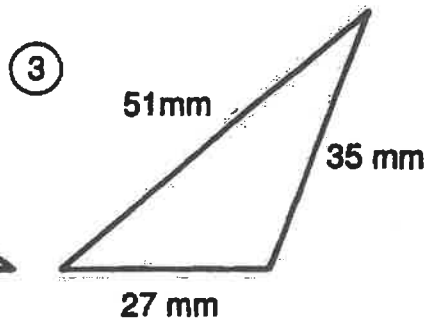
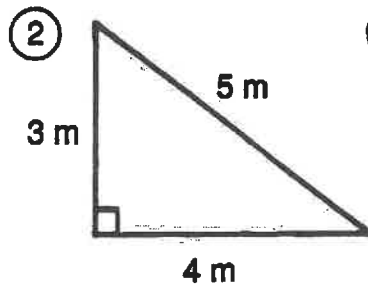
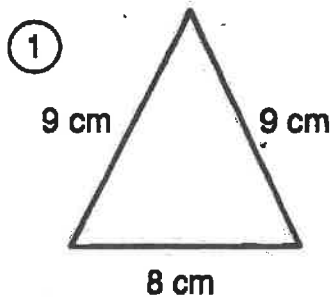
(N) George is making 8 gallons of Tropical Trip punch. He has already poured in $1\frac{3}{4}$ gal of pineapple juice and $2\frac{1}{2}$ gal of orange juice. The only other ingredient is 7-Up. How much 7-Up does George need? _____ gal

(W) Martha likes to walk around a park near her house. The park is square, $\frac{7}{10}$ mi on each side. One morning she walked around the park $3\frac{1}{2}$ times before stopping to rest. How far had she walked? _____ mi

What Did the Boy Candy Say to the Girl Candy?

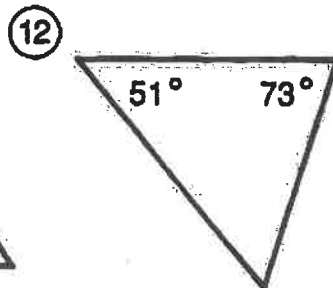
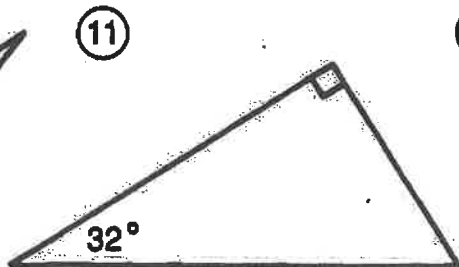
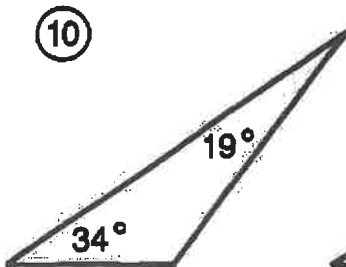
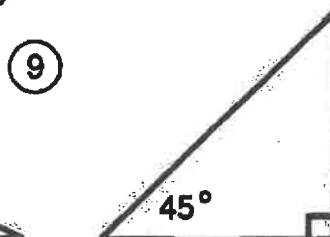
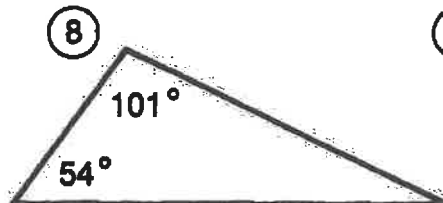
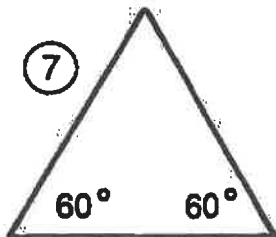
Do each exercise and find your answer in the set of answers to the right. Write the letter of the answer in each box containing the number of the exercise. If the answer has a ●, shade in each box containing that exercise number.

I. Classify each triangle two ways.



- ⑤ acute; scalene
- ① acute; isosceles
- ④ acute; equilateral
- ③ right; scalene
- ② right; isosceles
- ⑥ obtuse; scalene
- ① obtuse; isosceles

II. Find the measure of the third angle in each triangle.



- ③ 25°
- 116°
- ⑤ 56°
- ④ 127°
- ③ 60°
- ③ 30°
- 58°
- ③ 45°
- ③ 40°

⑬ Two angles of a triangle have equal measures. If the third angle measures 120° , what is the measure of each of the equal angles?

7	12	11	3	8	12	11	4	1	13	10	11	6	2	8	11	12	3	9	5	11	2	10	5	12	8
---	----	----	---	---	----	----	---	---	----	----	----	---	---	---	----	----	---	---	---	----	---	----	---	----	---

Why Did the Boy Sheep Plunge Off a Cliff While Chasing the Girl Sheep?

For each exercise, write an estimate of the answer. On the number line under the exercise, find a point near your estimate. Write the letter of the exercise on the number line at that point.

(N) $3\frac{9}{10} + 2\frac{13}{16}$

(E) $1\frac{1}{8} + \frac{11}{13}$

(T) $2\frac{4}{9} + 5\frac{1}{2}$

(E) $3\frac{11}{12} + 7\frac{3}{8}$

(D) $5\frac{1}{3} - 1\frac{2}{7}$

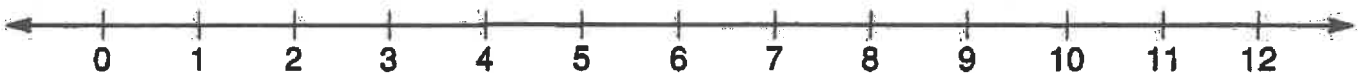
(H) $12\frac{5}{6} - 11\frac{8}{9}$

(I) $1\frac{3}{4} + 3\frac{3}{16} + \frac{1}{9}$

(S) $3\frac{7}{10} + 4\frac{1}{15} + 2\frac{2}{13}$

(E) Betsy needed some fabric to make flags. She bought $4\frac{1}{8}$ yd of red fabric, $4\frac{2}{3}$ yd of white fabric, and $3\frac{1}{4}$ yd of blue fabric. About how much fabric did she buy altogether? _____ yd

(D) Diane went salmon fishing with her father. Diane caught a fish that weighed $16\frac{3}{8}$ lb. Her father caught one that weighed $10\frac{1}{16}$ lb. About how much heavier was Diane's fish? _____ lb



(E) $12\frac{1}{5} + 8\frac{2}{11}$

(T) $3\frac{5}{12} + 10\frac{4}{7}$

(U) $7\frac{1}{6} + 15\frac{7}{9}$

(N) $27\frac{7}{8} - 2\frac{4}{5}$

(E) $20\frac{3}{10} - 4\frac{1}{3}$

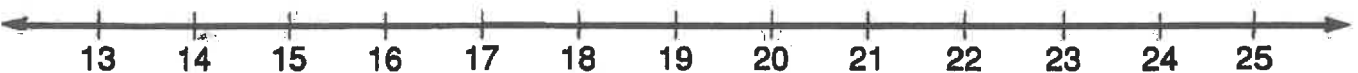
(W) $59\frac{9}{16} - 40\frac{1}{2}$

(H) $9\frac{2}{3} + \frac{3}{20} + 5\frac{1}{4}$

(T) $11\frac{6}{7} + (13\frac{1}{5} - 3\frac{1}{11})$

(R) A plumber had a piece of pipe that was $27\frac{7}{8}$ in. long. He cut off a piece $3\frac{3}{4}$ in. long and used it to repair the sink. About how long was the remaining piece of pipe? _____ in.

(E) Mario is training for the track team. He ran $4\frac{1}{4}$ mi on Monday, $5\frac{9}{10}$ mi on Wednesday, and $7\frac{4}{5}$ mi on Friday. About how far did he run altogether on the three days? _____ mi



Did You Hear About...

A	B	C	D	E	F	G	H	I
J	K	L	M	N	O	P	Q	?

$\frac{1}{24}$ INSTRUMENTS

$\frac{3}{24}$ BRUSH

$\frac{111}{1,000}$ NEW

$\frac{19}{30}$ BECAUSE

$\frac{3}{4}$ A

$\frac{17}{20}$ THE

$1\frac{5}{8}$ NEVER

$\frac{13}{20}$ HAVE

$\frac{1}{2}$ MUSICAL

$1\frac{1}{8}$ BOUGHT

$\frac{13}{14}$ EARS

$\frac{1}{4}$ THOUGHT

Do each exercise and find your answer in one of the answer columns.
Notice the word next to the answer. Write this word in the box containing the letter of the exercise.

(A) $1\frac{1}{4}$

(B) $\frac{5}{6}$

(C) $\frac{9}{10}$

(D) $\frac{2}{3}$

$\frac{3}{5} + \frac{5}{9}$

$\frac{4}{9} - \frac{4}{9}$

$\frac{1}{2} + \frac{2}{9}$

$\frac{5}{12} - \frac{5}{12}$

$1\frac{3}{8}$ TOOTHPASTE

$1\frac{2}{5}$ WHO

$\frac{1}{6}$ MOTHER

$\frac{2}{3}$ BIG

$\frac{11}{14}$ TEETH

$\frac{13}{30}$ WHEN

$\frac{7}{18}$ KID

$1\frac{1}{2}$ HIS

$\frac{15}{16}$ THAT

$\frac{3}{10}$ SHARP

$\frac{1}{12}$ TUBA

$1\frac{1}{24}$ SHOWS

(E) $\frac{3}{8} + \frac{9}{16}$ (F) $\frac{7}{10} - \frac{1}{5}$ (G) $\frac{1}{3} + \frac{7}{8}$ (H) $\frac{3}{4} - \frac{1}{10}$

(I) $\frac{1}{2} + \frac{2}{7}$ (J) $\frac{4}{5} - \frac{1}{6}$ (K) $\frac{9}{16} + \frac{15}{16}$ (L) $\frac{7}{10} - \frac{8}{15}$

(M) $\left(\frac{7}{8} - \frac{1}{4}\right) + \frac{1}{2}$ (N) $\frac{19}{20} - \left(\frac{1}{2} - \frac{3}{10}\right)$ (O) $\frac{1}{10} + \frac{1}{100} + \frac{1}{1,000}$

(P) A BigBurger has $\frac{1}{4}$ pound of meat. A SuperBurger has $\frac{1}{3}$ pound of meat.
How much more meat is used for the SuperBurger? _____ lb

(Q) Kent walked $\frac{3}{4}$ of a mile on Monday. On Tuesday, he walked $\frac{1}{8}$ of a mile less than on Monday. How far did he walk altogether? _____ mi