

## To 6 (1 and 2) Math Summer Packet

1. Due the first day of school!.
2. All problems must be done with all work shown.
3. You can do your work on these papers.
4. Do NOT erase anything that is written down!
5. You must be neat!
6. This assignment will be graded and is considered the 1st. Assignment of the school year.
7. Should you have any questions, please contact Mr. Santora, or Mrs. Santoiemmo at:

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Have a great summer!!!!

We are looking forward to a productive and fun math year!

Math Teachers

# word problems 1-20

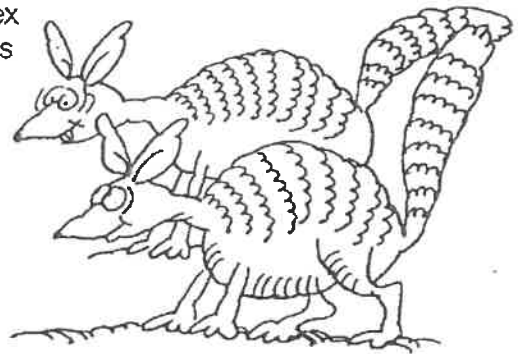
## USE CALCULATORS

Write a question that can be answered using the data in each of these stories. Then find the answers.

1. A dirt bike helmet costs \$79, gloves cost \$20, boots cost \$65, and goggles cost \$26.
2. Both the Parker boys play basketball. In the first two games, Jon scored 35 and 17 points and Ron scored 20 and 28 points.

1

Annie Anteater eats 1,705 ants a day. Alex Anteater eats 1,252 ants and 565 termites a day. How many more ants does Annie eat than Alex each day?



2

Marcia has a small greenhouse. She gives each of her plants 3 ounces (oz) of water twice a week. How many ounces of water does it take to water all 24 plants for a week? How many quarts of water does it take to water all 24 plants for a week?

3

Lori bought 2 items. She gave the clerk \$30.00 and received \$5.75 change. What 2 items did she buy? (Hint: Make a guess. Then check your guess.)

<u>Item</u>	<u>Price</u>
Sweater	\$ 17.00
Mittens	\$ 5.25
Jacket	\$19.50
Shirt	\$ 6.75
Scarf	\$ 4.75

4

Max Miller has 9 coins totaling 58¢. He does not have a half dollar. What are the coins? (Hint: Make a guess. Then check your guess.)

5

This problem contains unnecessary data. Select the data you need to solve the problem. Then find the answer.

During the 20-game season, Squeaky McLaughlin shoots an average of 14 regular baskets and 5 foul shots per game. He gets 2 points per basket and 1 point for each foul shot. How many points does Squeaky usually score in a game?

6

Missi sells greeting cards. She sold 7 boxes of cards last week and earned \$10.36. How much does Missi earn on each box of cards?

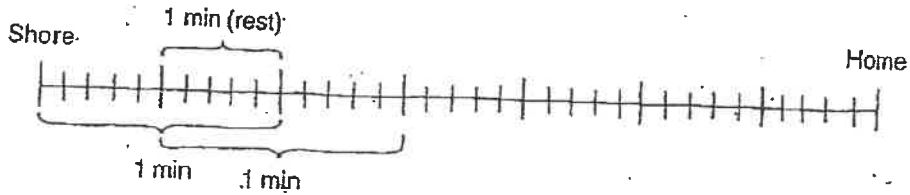


7

The Garcia family drinks a carton of Citrus Sparkle a week. A carton of 8 one-liter (L) bottles costs \$2.79. If Mr. Garcia buys 120 bottles, how much does he spend?

8

A crab was trying to swim home after lying on the beach. Its home was 35 meters (m) out in the ocean. It took the crab 1 minute (min) to swim 10 m. Then a wave would wash it back 5 m, where it would rest for 1 min before trying again. If it continued in this way, how long did it take the crab to get home? (Hint: Finish drawing the picture to help you.)



9

Mark built a log fort in the shape of a square. He used 6 vertical posts on each side of his fort. How many posts did he use? (Hint: Draw a picture.)

10

Here are two problems and their solutions. Write the answers in complete sentences.

1. There are 315 marbles placed equally into 7 cans. How many marbles are in each can?

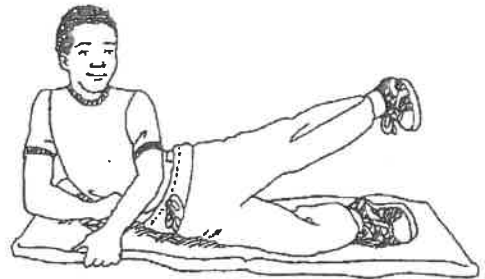
Answer: 45

2. If 108 students are on volleyball teams and 72 are boys, how many players are girls?

Answer: 36

11

Jason is practicing for the track team. He runs 1 mile (mi) and does 25 leg lifts each Monday, Wednesday, Friday, and Saturday. He runs 2 mi on Tuesday and Thursday. How many leg lifts does he do in a week?



12

Maxwell's Ski and Tennis Shop is having a sale on ski equipment. Caitlin wants to buy all 4 pieces of equipment separately. Karen thinks the package price is the better deal. Does it cost less to buy the pieces separately or as a package? How much money is saved?

Skis \$145 ~ Bindings \$65

Boots \$65 ~ Poles \$15

**SAVE!!!** Buy the whole package for \$179

13

Betsy's mom bought her 2 new skirts (pleated and wrap) and 3 new blouses (plain, frilly, and print). All the blouses could be worn with either skirt. How many different outfits could Betsy make? (Hint: Complete the organized list.)

<i>Blouse</i>	<i>Skirt</i>
Plain	→ Pleated
Plain	→ Wrap
Frilly	→ Pleated

14

Robbie has 4 trophies, 1 each for basketball, football, track, and academic achievement. How many different ways can he arrange them on his trophy shelf? (Hint: Complete the organized list.)

B = Basketball	BFTA	FTAB
F = Football	BFAT	FTBA
T = Track	BTAF	
A = Academics	BTFA	
	BAFT	
	BATF	

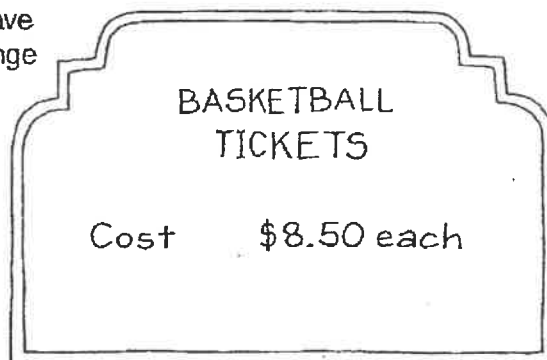
15

This problem has data missing. Make up appropriate data. Then solve the problem using your data.

Classes at the scuba diving school are held each Monday through Thursday afternoon. If all 4 classes are full, how many people can take lessons in a week?

16

Carrie bought a basketball ticket and gave the ticket seller \$10.00. How much change did she receive?



17

Tai, Song-Hwa, and Kia bowled 3 games to find out who could get the highest average. Who won?

	<i>Tai</i>	<i>Song-Hwa</i>	<i>Kia</i>
Game 1	135	152	181
Game 2	145	157	123
Game 3	175	161	131

18



Mr. Kelligan wanted to know how many empty seats there were on the Ferris wheel. Mr. Kelligan counted 20 people and noticed that 1 out of every 3 seats was empty. How many empty seats were there on the Ferris wheel? (Hint: Complete the table.)

<i>Total seats</i>	3	6	9	12	15	18						
<i>Filled</i>	2	4	6	8	10							
<i>Empty</i>	1	2	3	4								

Elizabeth worked during the summer as a peach inspector at an orchard. She noticed that 2 out of every 7 peaches had worm holes. How many good peaches did she find in a basket containing 70 peaches? (Hint: Complete the table.)

<i>Number of peaches</i>	7	14	21	28	35	42	49							70
<i>Good</i>	5	10	15	20	25									
<i>Wormy</i>	2	4	6											

For problems 21-30, SHOW ALL YOUR WORK, **DO NOT** USE A CALCULATOR!

21.  $10.07 \times 5 =$

22.  $0.75 \times 4 =$

23.  $3.06 \times 9 =$

24.  $15.24 \times 8 =$

25.  $4 \times 2.08 =$

$$26. \overline{3)12.9}$$

$$27. \overline{8)5.6}$$

$$28. \overline{3)8.7}$$

$$29. \overline{9)24.3}$$

$$30. \overline{4)0.6}$$