

Name _____



Congratulations on **entering 6th grade!** In order to keep your math skills up-to-date, you will need to complete this math packet over the summer. This will be the first grade in math.

Keep in mind:

- This packet is **graded** for completion with effort.
- **Do not** use any type of calculator to *complete* the work. You may use your calculator to *check* your work.
- If you are stuck, ask a family member for help but be sure to do the work yourself.
- There are reminder pages in the packet. If they still don't help, look up math sites or videos on YouTube. *Mashup Math*, *Khan Academy*, *Math is Fun*, and *Math Antics* are some good sites to use.
- **SHOW ALL WORK.**

Find each product. Show your work. Circle your answer.

1. 832×156

2. 756×300

Find each quotient. Write the remainder if you have one. Show your work. Circle your answer.

3. $9473 \div 5$

4. $4516 \div 22$

Solve. Show your work. Label and circle your answer.

5. Sarah and her two friends split a bag of candy evenly. They each ate 13 pieces of candy and there were 2 pieces left over. How many pieces of candy were originally in the bag?

Round the number 148.2536 to the nearest indicated place.

6. hundred _____

7. one _____

8. hundredth _____

9. thousandth _____

Complete the chart below.

Standard Form	Expanded Form	Word Form
10.	$100 + 2 + 0.09$	11.
12.	13.	Five thousand, six hundred eighty-five and twelve hundredths

Compare each pair of numbers by writing $<$, $>$, or $=$ between them.

- 14.) 9.52 90.13
- 15.) 6.83 6.825
- 16.) 32.9 32.90

Order the number from least to greatest.

- 17.) 6.86, 7, 6.9, 6.827 _____
- 18.) 12.03, 1.2, 12.3, 12.301 _____

Find each sum or difference. Show your work. Circle your answer.

19.) $8.74 + 10.36$	20.) $37.4 - 8.55$
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$21.) 24.1 + 3.74$

$22.) 67 - 14.06$

Find each product or quotient. For each division problem, write your quotient as a decimal—no remainders. Show your work. Circle your answer.

$23.) 4.5 \times 6$

$24.) 144.8 \div 4$

$25.) 14.8 \times 0.12$

$26.) 15.8 \div 0.5$

Solve. Show your work. Label and circle your answer.

27. Three friends went out to lunch. The bill came to \$47.31. If they split the bill evenly, how much money does each friend owe?

Find each sum or difference. Leave answers in simplest form. Show your work. Circle your answer.

$$28. \frac{7}{8} + \frac{5}{6}$$

$$29. \frac{9}{10} - \frac{1}{2}$$

$$30. 3\frac{3}{5} + 2\frac{3}{4}$$

$$31. 2\frac{2}{15} - 1\frac{2}{3}$$

Find each product or quotient. Leave answers in simplest form. Show your work. Circle your answer.

32. $\frac{1}{6} \times \frac{3}{4}$

33. $6 \div \frac{1}{3}$

34. $\frac{5}{9} \times \frac{3}{20}$

35. $\frac{1}{4} \div 2$

36. $\frac{2}{5} \div \frac{3}{10}$

