

Grade 6 Summer Math

Please use *white lined paper* for your work and answers. Show all work and then *box in your answer*. Make sure to show the **original** problem. **Please take the time to write your numbers clearly and neatly on the lines of your paper.**

YOU MUST SUBMIT YOUR WORK ON THE FIRST DAY OF SCHOOL OR YOU WILL RECEIVE NO CREDIT! Make sure your name appears on your paperwork!

Round to the nearest ten:

- 1) 1256
- 2) 42314

Round to the underlined value:

- 3) 5.6
- 4) 0. 45
- 5) 300.09

Estimate:

- 6) 536
+143

Add:

- 7) 567, 892
+132, 104

Subtract showing your work:

- 8) 36, 243
-13, 963

Find the product and show your work:

9) $7 \times \$8.64$

10)
$$\begin{array}{r} 329 \\ \times 43 \\ \hline \end{array}$$

Divide – you may use a remainder if necessary:

11) $4 \overline{)3268}$

12) $79 \overline{)5576}$

Add or subtract the fractions:








13) $\frac{7}{12}$


$$+ \frac{5}{12}$$

14) $\frac{11}{24}$

$$- \frac{2}{24}$$

Use the pictograph to answer the following questions.

| CDs Sold at Al's Audio Outlet | |
|---|--|
| Rock |  |
| Classical |  |
| Folk |  |
| R& B |  |
| Jazz |  |
| World Music |  |
| Key: Each  = 50 CDs | |

- 15) What does the symbol  represent? How many symbols were used for R&B? for Jazz?
- 16) About how many CDs were sold in all? Show your work.
- 17) If the key was changed so that each symbols represented 10 CDs, how would the pictograph change?
- 18) About how many more CDs are needed so that Jazz and R&B would have the same number?
- 19) Which categories had between 100 CDs and 200 CDs?

Use the data to make a bar graph.

| Lengths of Some Dinosaurs | |
|---------------------------|--------|
| Name | Length |
| Albertosaurus | 26 ft |
| Allosaurus | 36 ft |
| Brachiosaurus | 52 ft |
| Tyrannosaurus | 39 ft |
| Ultrasaurus | 82 ft |

