

Grade 6 Summer Review Packet

Please Read Carefully so you know what is expected of you. Your summer packet is due on the first day of school, and you will be given a test on the material contained in the summer packet during a 75-minute class the week of September 3rd, 2019 (first week of school). The summer packet will count for 10% and the test will count for 90% of your grade for the summer review.

Enclosed is a set of objectives on material that you should already know but that you might need to review. Along with the objectives is a list of Khan Academy videos with examples and explanations on each objective. Each objective has a set of problems for you to complete. You are expected to complete **all the problems**. Each assignment should be on a separate sheet of paper. Show all work in a neat and organized manner, make sure to include the original problem. **Please circle or highlight your answers**. An answer key to the odd numbered problems is attached. Be sure to check your odd numbered problem answers with the answer key. **Be sure to show all work for each problem**.

The following material was covered in Grade 5. This material will not be covered in Grade 6. The assumption is that the material is part of your knowledge base. As a review, you are to complete the attached problems. If you have trouble completing any part of the assignment you are expected to seek help. Coolmath.com; [Khan Academy](https://www.khanacademy.com) or [YouTube](https://www.youtube.com) can be used as a reference. Please do not wait until the last minute to complete the assignment.

To watch the videos, click on the link and it will open in your web browser. Good Luck!

Assignment 1: Adding Whole Numbers

Video: [Multi-Digit Addition](#) (Math Antics)

Find the sum.

1 a.
$$\begin{array}{r} 817 \\ + 663 \\ \hline \end{array}$$
 1 b.
$$\begin{array}{r} 153 \\ + 394 \\ \hline \end{array}$$
 1 c.
$$\begin{array}{r} 139 \\ + 504 \\ \hline \end{array}$$
 1 d.
$$\begin{array}{r} 513 \\ + 545 \\ \hline \end{array}$$

2 a.
$$\begin{array}{r} 410 \\ + 210 \\ \hline \end{array}$$
 2 b.
$$\begin{array}{r} 717 \\ + 615 \\ \hline \end{array}$$
 2 c.
$$\begin{array}{r} 522 \\ + 785 \\ \hline \end{array}$$
 2 d.
$$\begin{array}{r} 589 \\ + 873 \\ \hline \end{array}$$

3 a.
$$\begin{array}{r} 383 \\ + 772 \\ \hline \end{array}$$
 3 b.
$$\begin{array}{r} 302 \\ + 619 \\ \hline \end{array}$$
 3 c.
$$\begin{array}{r} 897 \\ + 227 \\ \hline \end{array}$$
 3 d.
$$\begin{array}{r} 604 \\ + 127 \\ \hline \end{array}$$

4 a.
$$\begin{array}{r} 802 \\ + 29 \\ \hline \end{array}$$
 4 b.
$$\begin{array}{r} 685 \\ + 844 \\ \hline \end{array}$$
 4 c.
$$\begin{array}{r} 193 \\ + 844 \\ \hline \end{array}$$
 4 d.
$$\begin{array}{r} 638 \\ + 703 \\ \hline \end{array}$$

5 a.
$$\begin{array}{r} 988 \\ + 60 \\ \hline \end{array}$$
 5 b.
$$\begin{array}{r} 340 \\ + 294 \\ \hline \end{array}$$
 5 c.
$$\begin{array}{r} 157 \\ + 92 \\ \hline \end{array}$$
 5 d.
$$\begin{array}{r} 727 \\ + 813 \\ \hline \end{array}$$

Assignment 2: Subtracting Whole Numbers

Video: [Multi-Digit Subtraction](#) (Math Antics)

Find the difference.

1 a.
$$\begin{array}{r} 807 \\ - 697 \\ \hline \end{array}$$

1 b.
$$\begin{array}{r} 280 \\ - 91 \\ \hline \end{array}$$

1 c.
$$\begin{array}{r} 408 \\ - 243 \\ \hline \end{array}$$

1 d.
$$\begin{array}{r} 716 \\ - 706 \\ \hline \end{array}$$

2 a.
$$\begin{array}{r} 211 \\ - 136 \\ \hline \end{array}$$

2 b.
$$\begin{array}{r} 172 \\ - 125 \\ \hline \end{array}$$

2 c.
$$\begin{array}{r} 969 \\ - 911 \\ \hline \end{array}$$

2 d.
$$\begin{array}{r} 297 \\ - 256 \\ \hline \end{array}$$

3 a.
$$\begin{array}{r} 474 \\ - 307 \\ \hline \end{array}$$

3 b.
$$\begin{array}{r} 521 \\ - 484 \\ \hline \end{array}$$

3 c.
$$\begin{array}{r} 630 \\ - 376 \\ \hline \end{array}$$

3 d.
$$\begin{array}{r} 548 \\ - 373 \\ \hline \end{array}$$

4 a.
$$\begin{array}{r} 607 \\ - 217 \\ \hline \end{array}$$

4 b.
$$\begin{array}{r} 451 \\ - 346 \\ \hline \end{array}$$

4 c.
$$\begin{array}{r} 727 \\ - 532 \\ \hline \end{array}$$

4 d.
$$\begin{array}{r} 644 \\ - 401 \\ \hline \end{array}$$

5 a.
$$\begin{array}{r} 797 \\ - 365 \\ \hline \end{array}$$

5 b.
$$\begin{array}{r} 995 \\ - 898 \\ \hline \end{array}$$

5 c.
$$\begin{array}{r} 781 \\ - 406 \\ \hline \end{array}$$

5 d.
$$\begin{array}{r} 363 \\ - 234 \\ \hline \end{array}$$

Assignment 3: Multiplying Whole Numbers

Video: [Multi-Digit Multiplication Pt. 1](#) (Math Antics)

Video: [Multi-Digit Multiplication Pt. 2](#) (Math Antics)

Find the product.

1 a.
$$\begin{array}{r} 56 \\ \times 3 \\ \hline \end{array}$$
 1 b.
$$\begin{array}{r} 56 \\ \times 4 \\ \hline \end{array}$$
 1 c.
$$\begin{array}{r} 71 \\ \times 7 \\ \hline \end{array}$$
 1 d.
$$\begin{array}{r} 40 \\ \times 5 \\ \hline \end{array}$$

2 a.
$$\begin{array}{r} 32 \\ \times 8 \\ \hline \end{array}$$
 2 b.
$$\begin{array}{r} 22 \\ \times 6 \\ \hline \end{array}$$
 2 c.
$$\begin{array}{r} 30 \\ \times 5 \\ \hline \end{array}$$
 2 d.
$$\begin{array}{r} 40 \\ \times 3 \\ \hline \end{array}$$

3 a.
$$\begin{array}{r} 75 \\ \times 7 \\ \hline \end{array}$$
 3 b.
$$\begin{array}{r} 78 \\ \times 8 \\ \hline \end{array}$$
 3 c.
$$\begin{array}{r} 67 \\ \times 1 \\ \hline \end{array}$$
 3 d.
$$\begin{array}{r} 74 \\ \times 2 \\ \hline \end{array}$$

4 a.
$$\begin{array}{r} 58 \\ \times 74 \\ \hline \end{array}$$
 4 b.
$$\begin{array}{r} 35 \\ \times 66 \\ \hline \end{array}$$
 4 c.
$$\begin{array}{r} 40 \\ \times 81 \\ \hline \end{array}$$
 4 d.
$$\begin{array}{r} 52 \\ \times 98 \\ \hline \end{array}$$

5 a.
$$\begin{array}{r} 78 \\ \times 62 \\ \hline \end{array}$$
 5 b.
$$\begin{array}{r} 17 \\ \times 50 \\ \hline \end{array}$$
 5 c.
$$\begin{array}{r} 71 \\ \times 60 \\ \hline \end{array}$$
 5 d.
$$\begin{array}{r} 36 \\ \times 2 \\ \hline \end{array}$$

Assignment 4: Dividing Whole Numbers

Video: [Basic Division](#) (Math Antics)

Video: [Long Division](#) (Math Antics)

Find the quotient.

1 a.

$$6 \overline{) 210}$$

1 b.

$$1 \overline{) 798}$$

1 c.

$$3 \overline{) 147}$$

1 d.

$$8 \overline{) 304}$$

2 a.

$$1 \overline{) 388}$$

2 b.

$$2 \overline{) 402}$$

2 c.

$$5 \overline{) 390}$$

2 d.

$$1 \overline{) 621}$$

3 a.

$$3 \overline{) 372}$$

3 b.

$$7 \overline{) 154}$$

3 c.

$$9 \overline{) 198}$$

3 d.

$$1 \overline{) 429}$$

4 a.

$$25 \overline{) 475}$$

4 b.

$$11 \overline{) 990}$$

4 c.

$$15 \overline{) 660}$$

4 d.

$$25 \overline{) 900}$$

5 a.

$$29 \overline{) 928}$$

5 b.

$$14 \overline{) 112}$$

5 c.

$$25 \overline{) 875}$$

5 d.

$$11 \overline{) 924}$$

ANSWER KEY (ODDS ONLY)

ASSIGNMENT 1 1a. 1480 1b. 547 1c. 643 1d. 1058 3a. 1155 3b. 921 3c. 1124 3d. 731 5a. 1048 5b. 634 5c. 249 5d. 1540	ASSIGNMENT 3 1a. 168 1b. 224 1c. 497 1d. 200 3a. 525 3b. 624 3c. 67 3d. 148 5a. 4836 5b. 850 5c. 4260 5d. 72
ASSIGNMENT 2 1a. 110 1b. 189 1c. 165 1d. 10 3a. 167 3b. 37 3c. 254 3d. 175 5a. 432 5b. 97 5c. 375 5d. 129	ASSIGNMENT 4 1a. 36 1b. 798 1c. 49 1d. 38 3a. 124 3b. 22 3c. 22 3d. 429 5a. 32 5b. 8 5c. 35 5d. 84