

Unit 4: Multiplication II - Study Guide

Note to Parents: This is a study guide. A more detailed review will be done in class or as homework the week of the test.

| SKILLS TESTED | SAMPLE PROBLEMS |
|---|---|
| <ul style="list-style-type: none"> • Be able to use mental math to find a product. | $500 \times 3 = \underline{\hspace{2cm}}$ $6,000 \times 7 = \underline{\hspace{2cm}}$ |
| <ul style="list-style-type: none"> • Be able to use rounding to estimate a product. • Know the estimating rule: Round both #'s to the highest place, unless it is single digit. | $42 \times 79 = \underline{\hspace{2cm}}$ $449 \times 85 = \underline{\hspace{2cm}}$ $3,014 \times 73 = \underline{\hspace{2cm}}$ |
| <ul style="list-style-type: none"> • Be able to multiply by a multiple of 10. | $\begin{array}{r} 36 \\ \times 50 \\ \hline \end{array}$ $\begin{array}{r} 49 \\ \times 20 \\ \hline \end{array}$ |
| <ul style="list-style-type: none"> • Be able to multiply using money. | $\begin{array}{r} \$32.45 \\ \times \quad 30 \\ \hline \end{array}$ $\begin{array}{r} \$17.96 \\ \times \quad 44 \\ \hline \end{array}$ |
| <ul style="list-style-type: none"> • Be able to make a table to solve a problem. | <p>Brandon had 15 packs of gum in his trick or treat bag. Each pack had 10 sticks of gum. If he had 2 more packs of gum, how many pieces would he have?</p> |
| <ul style="list-style-type: none"> • Know when an estimate is an <u>overestimate</u> or an <u>underestimate</u>. | <ul style="list-style-type: none"> • Remember that addition and subtraction problems can be on the test too. |

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|---|---|-------------|-----|----|-------------|-------------|-------------|
| <ul style="list-style-type: none"> • Be able to read a problem and know what information is missing to solve it. | <p>Ms. Lily is setting up chairs for the 3rd grade program. She puts 12 chairs in a row. What other information do you need to find the total number of chairs she set up?</p> | | | | | | |
| <ul style="list-style-type: none"> • Know the steps for problem solving. | <ol style="list-style-type: none"> 1. Read and highlight the important information. 2. Cross through extra information. 3. Show your work. 4. Answer in a complete sentence. 5. If multiple choice, slash and trash. | | | | | | |
| <ul style="list-style-type: none"> • Be able to multiply 2, 3 & 4 digit numbers X 2 digits | <table style="width: 100%; text-align: center;"> <tr> <td>1,459</td> <td>363</td> <td>67</td> </tr> <tr> <td><u>X 83</u></td> <td><u>X 45</u></td> <td><u>X 19</u></td> </tr> </table> | 1,459 | 363 | 67 | <u>X 83</u> | <u>X 45</u> | <u>X 19</u> |
| 1,459 | 363 | 67 | | | | | |
| <u>X 83</u> | <u>X 45</u> | <u>X 19</u> | | | | | |

Review packet with more specific problems will be sent home on

Multiplication II Test on _____