

1. Complete the chart.
 5.OA.1

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Words	Expression	The Value of the Expression
a. 40 times the sum of 54 and 26	$40 \times (54 + 26)$	40×80 <u>3200</u>
b. Divide the difference between 1,400 and 400 by 5	$(1,400 - 400) \div 5$	$1,000 \div 5$ <u>200</u>
c. The sum of 26 fifteens and 14 fifteens	$(26 \times 15) + (14 \times 15)$	$390 + 210$ <u>600</u>
d. 10 times the sum of 22 and 8	$10 \times (22 + 8)$	10×30 <u>300</u>
e. 15 times the sum of 150 and 50	$15 \times (150 + 50)$	15×200 <u>3000</u>
f. 13 times the sum of 200 and 740	$(200 + 740) \times 13$	$1,000 \times 13$ <u>13,000</u>

2. Without calculating, compare the expressions below using <, >, =.
 5.OA.2

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- a. 100×4 $\textcircled{=}$ $100 \times (6 - 2)$ ⁴
- b. 24×12 $\textcircled{>}$ 26 twelves - 3 twelves
 (23 twelves)
- c. 24×19 $\textcircled{>}$ 9 twenty-fours, doubled
 18 twenty-fours

3. Use an area model to find the product of 614 and 44. Be sure to circle the final product.
 5.NBT.5

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	600	10	4
4	2,400	40	16
40	24,000	400	160

$$\begin{array}{r} 2456 \\ + 24560 \\ \hline 27016 \end{array}$$

4. Find the product of 657 and 506 using standard algorithm.
 5.NBT.5

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$$\begin{array}{r} 2 \quad 3 \\ 3 \quad 4 \\ 657 \\ \times 506 \\ \hline 3942 \\ + 328500 \\ \hline 332,442 \end{array}$$

For a field trip, the school bought 57 sandwiches for \$3.60 each and 49 bags of chips for \$1.15 each. How much did the school spend in all? *TS: The school spent \$201.55 in all.*

$$(57 \times \$3.60) + (49 \times \$1.15)$$

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$$\begin{array}{r} 334 \\ 3.60 \\ \times \quad 57 \\ \hline 25.20 \\ + 180.00 \\ \hline \$205.20 \end{array}$$

$$\begin{array}{r} .02 \\ 1.15 \\ \times \quad 49 \\ \hline 10.35 \\ + 46.00 \\ \hline \$56.35 \end{array}$$

$$\begin{array}{r} \$205.20 \\ + 56.35 \\ \hline \$261.55 \end{array}$$

6. Write an expression matches the statement, "the sum of 15 and 9 subtracted from 89".

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$$89 - (15 + 9)$$

7. Which two conversions are correct?

5.MD.1

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- A. 18 m = 0.18 cm
- B. 4.5 m = 4,500 cm
- C. 1800 mm = 18 m
- D. 25 km = 25,000 m
- E. 200 cm = 2 m

8. What would be a reasonable estimate for 507×42 ?

5.NBT.5

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$$500 \times 40 = 20,000$$

9. Write an expression that correctly shows the difference of 19 twelves and 17 twelves.

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$$(19 \times 12) - (17 \times 12)$$

10. What is the product of 634 and 49?

5.NBT.5

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$$\begin{array}{r} 33 \\ 634 \\ \times \quad 49 \\ \hline 5706 \\ + 25360 \\ \hline 31,066 \end{array}$$