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Math worksheet on *'Multiplication - Whole Number 3 x 2 - Breakout (Level 3)'*. Part of a broader unit on *'Multiplication - 2 and 3 Digit'*

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1 How can you multiply 459 by 22 by breaking 22 apart

459 x 22

a. $(459 \times 20) + (459 \times 2)$
b. $(463 \times 20) + (463 \times 2)$
c. $(454 \times 20) + (454 \times 2)$
d. $(459 \times 20) + (459 \times 5)$
e. $(459 \times 20) + (459 \times 1)$
f. $(459 \times 17) + (459 \times 2)$

2 How can you multiply 654 by 12 by breaking 12 apart

654 x 12

a. $(658 \times 10) + (658 \times 2)$
b. $(650 \times 10) + (650 \times 2)$
c. $(654 \times 10) + (654 \times 1)$
d. $(654 \times 13) + (654 \times 2)$
e. $(656 \times 10) + (656 \times 2)$
f. $(654 \times 10) + (654 \times 2)$

3 How can you multiply 964 by 15 by breaking 15 apart

964 x 15

a. $(964 \times 5) + (964 \times 5)$
b. $(964 \times 10) + (964 \times 6)$
c. $(964 \times 7) + (964 \times 5)$
d. $(964 \times 10) + (964 \times 5)$
e. $(962 \times 10) + (962 \times 5)$
f. $(964 \times 12) + (964 \times 5)$

4 How can you multiply 866 by 22 by breaking 22 apart

866 x 22

a. $(866 \times 24) + (866 \times 2)$
b. $(863 \times 20) + (863 \times 2)$
c. $(866 \times 20) + (866 \times 5)$
d. $(866 \times 17) + (866 \times 2)$
e. $(862 \times 20) + (862 \times 2)$
f. $(866 \times 20) + (866 \times 2)$

5 How can you multiply 498 by 21 by breaking 21 apart

498 x 21

a. $(498 \times 23) + (498 \times 1)$
b. $(498 \times 20) + (498 \times 2)$
c. $(498 \times 19) + (498 \times 1)$
d. $(498 \times 24) + (498 \times 1)$
e. $(493 \times 20) + (493 \times 1)$
f. $(498 \times 20) + (498 \times 1)$

6 How can you multiply 685 by 15 by breaking 15 apart

685 x 15

a. $(685 \times 9) + (685 \times 5)$
b. $(685 \times 10) + (685 \times 2)$
c. $(685 \times 10) + (685 \times 5)$
d. $(685 \times 5) + (685 \times 5)$
e. $(685 \times 10) + (685 \times 1)$
f. $(685 \times 7) + (685 \times 5)$

7 How can you multiply 678 by 15 by breaking 15 apart

678 x 15

a. $(678 \times 14) + (678 \times 5)$
b. $(673 \times 10) + (673 \times 5)$
c. $(678 \times 10) + (678 \times 4)$
d. $(678 \times 10) + (678 \times 1)$
e. $(682 \times 10) + (682 \times 5)$
f. $(678 \times 10) + (678 \times 5)$