

Name _____

Properties of Multiplication

Rewrite each statement by using the distributive property.

$$1) (9 \times 5) + (9 \times 4)$$

$$= \underline{9} + (\underline{5} + \underline{4})$$

$$3) (6 \times 5) + (6 \times 3)$$

$$= \underline{6} + (\underline{5} + \underline{3})$$

$$5) 3 \times (4 + 6)$$

$$= (\underline{3} \times \underline{4}) + (\underline{3} \times \underline{6})$$

$$7) (8 \times 4) + (8 \times 7)$$

$$= \underline{8} + (\underline{8} + \underline{7})$$

$$9) 8 \times (2 + 5)$$

$$= (\underline{8} \times \underline{2}) + (\underline{8} \times \underline{5})$$

$$11) (5 \times 7) + (5 \times 3)$$

$$= \underline{5} + (\underline{7} + \underline{3})$$

$$13) 2 \times (4 + 9)$$

$$= (\underline{2} \times \underline{4}) + (\underline{2} \times \underline{9})$$

$$2) 2 \times (3 + 8)$$

$$= (\underline{2} \times \underline{3}) + (\underline{2} \times \underline{8})$$

$$4) (7 \times 2) + (7 \times 3)$$

$$= \underline{7} + (\underline{2} + \underline{3})$$

$$6) 4 \times (7 + 3)$$

$$= (\underline{4} \times \underline{7}) + (\underline{4} \times \underline{3})$$

$$8) 6 \times (10 + 5)$$

$$= (\underline{6} \times \underline{10}) + (\underline{6} \times \underline{5})$$

$$10) (2 \times 4) + (2 \times 3)$$

$$= \underline{2} + (\underline{4} + \underline{3})$$

$$12) 6 \times (2 + 4)$$

$$= (\underline{6} \times \underline{2}) + (\underline{6} \times \underline{4})$$

$$14) (5 \times 8) + (5 \times 5)$$

$$= \underline{5} + (\underline{8} + \underline{5})$$