

Mental math — Friendly pairs (×)

Name: _____

Date: _____



Find the pair that makes a round number and multiply it first.

1 125×48
 $= 125 \times 8 \times 6$
 $= 1000 \times 6$
 $= 6000$

2 $25 \times 18 \times 4$
 $= 25 \times 4 \times 18$
 $= \underline{\quad} \times 18$
 $= \underline{\quad}$

3 125×88
 $= 125 \times 8 \times 11$
 $= \underline{\quad} \times 11$
 $= \underline{\quad}$

4 $50 \times 7 \times 2$
 $= 50 \times 2 \times 7$
 $= \underline{\quad} \times 7$
 $= \underline{\quad}$

5 5×18
 $= 5 \times 2 \times 9$
 $= \underline{\quad} \times 9$
 $= \underline{\quad}$

6 $25 \times 3 \times 4$
 $= 25 \times 4 \times 3$
 $= \underline{\quad} \times 3$
 $= \underline{\quad}$

7 5×24
 $= 5 \times 2 \times 12$
 $= \underline{\quad} \times 12$
 $= \underline{\quad}$

8 25×28
 $= 25 \times 4 \times 7$
 $= \underline{\quad} \times 7$
 $= \underline{\quad}$

9 $5 \times 29 \times 2$
 $= 5 \times 2 \times 29$
 $= \underline{\quad} \times 29$
 $= \underline{\quad}$

10 5×10
 $= 5 \times 2 \times 5$
 $= \underline{\quad} \times 5$
 $= \underline{\quad}$

11 $25 \times 14 \times 4$
 $= 25 \times 4 \times 14$
 $= \underline{\quad} \times 14$
 $= \underline{\quad}$

12 $125 \times 28 \times 8$
 $= 125 \times 8 \times 28$
 $= \underline{\quad} \times 28$
 $= \underline{\quad}$





Mental math · Friendly pairs (×) — Answer key

1. $125 \times 48 = 125 \times 8 \times 6 =$
 $1000 \times 6 = 6000$

2. $25 \times 18 \times 4 = 25 \times 4 \times 18$
 $= 100 \times 18 = 1800$

3. $125 \times 88 = 125 \times 8 \times 11 =$
 $1000 \times 11 = 11000$

4. $50 \times 7 \times 2 = 50 \times 2 \times 7 =$
 $100 \times 7 = 700$

5. $5 \times 18 = 5 \times 2 \times 9 = 10 \times$
 $9 = 90$

6. $25 \times 3 \times 4 = 25 \times 4 \times 3 =$
 $100 \times 3 = 300$

7. $5 \times 24 = 5 \times 2 \times 12 = 10 \times$
 $12 = 120$

8. $25 \times 28 = 25 \times 4 \times 7 =$
 $100 \times 7 = 700$

9. $5 \times 29 \times 2 = 5 \times 2 \times 29 =$
 $10 \times 29 = 290$

10. $5 \times 10 = 5 \times 2 \times 5 = 10 \times$
 $5 = 50$

11. $25 \times 14 \times 4 = 25 \times 4 \times$
 $14 = 100 \times 14 = 1400$

12. $125 \times 28 \times 8 = 125 \times 8 \times$
 $28 = 1000 \times 28 = 28000$