

Practice Sheets Answers

Grid multiplication (mild)

Estimate which of these multiplications will give answers:

- less than 1000. 3×275 , 3×314
- between 1000 and 3000. 3×642 , 6×253 , 5×527
- between 3000 and 5000. 8×524
- between 5000 and 7000. 7×823
- greater than 7000. 9×851

1. $3 \times 642 = 1926$
2. $5 \times 527 = 2635$
3. $6 \times 253 = 1518$
4. $3 \times 275 = 825$
5. $8 \times 524 = 4192$
6. $3 \times 314 = 942$
7. $7 \times 823 = 5761$
8. $9 \times 851 = 7659$

Challenge

Q9 will have the biggest answer as estimating $3 \times 5000 = 15,000$ which is greater than $6 \times 2000 = 12,000$.

9. $3 \times 5364 = 16,092$
10. $6 \times 2348 = 14,088$

Short multiplication (hot)

1. $4 \times 6234 = 24,936$
2. $7 \times 5382 = 37,674$
3. $8 \times 4734 = 37,872$
4. $5 \times 7856 = 39,280$
5. $6 \times 8431 = 50,586$
6. $9 \times 5408 = 48,672$
7. $3 \times 8796 = 26,388$
8. $7 \times 6857 = 47,999$

Challenge

Write a different multiplication with an answer between 20,000 and 30,000.

e.g. $6 \times 3983 = 23,898$

Write a different multiplication with an answer between 50,000 and 60,000.

e.g. $9 \times 6326 = 56,934$