

Long Multiplication & Division

Number & Operations · Grade 5

Score: _____ / 12

◆ Medium · 12 Questions

Solve each problem. Show your work in the space provided. Write your answer on the line.

1. $124 \times 23 = \underline{\hspace{2cm}}$

Answer: _____

2. $213 \times 34 = \underline{\hspace{2cm}}$

Answer: _____

3. $145 \times 26 = \underline{\hspace{2cm}}$

Answer: _____

4. $308 \times 15 = \underline{\hspace{2cm}}$

Answer: _____

5. $256 \times 42 = \underline{\hspace{2cm}}$

Answer: _____

6. A factory packs 185 boxes per hour.
How many boxes in an 8-hour shift?

Answer: _____

7. $432 \times 21 = \underline{\hspace{2cm}}$

Answer: _____

8. $175 \times 36 = \underline{\hspace{2cm}}$

Answer: _____

9. A hall has 48 rows of 125 seats.
How many seats in all?

Answer: _____

10. $263 \times 44 = \underline{\hspace{2cm}}$

Answer: _____

11. $317 \times 53 = \underline{\hspace{2cm}}$

Answer: _____

- 12.** A school orders 224 pencils per class for 35 classes.
How many pencils in all?

Answer: _____

Answer Key

Long Multiplication & Division — Medium

1. **2,852**

$124 \times 20 = 2,480$, $124 \times 3 = 372$. $2,480 + 372 = 2,852$.

2. **7,242**

$213 \times 30 = 6,390$, $213 \times 4 = 852$. $6,390 + 852 = 7,242$.

3. **3,770**

$145 \times 20 = 2,900$, $145 \times 6 = 870$. $2,900 + 870 = 3,770$.

4. **4,620**

$308 \times 10 = 3,080$, $308 \times 5 = 1,540$. $3,080 + 1,540 = 4,620$.

5. **10,752**

$256 \times 40 = 10,240$, $256 \times 2 = 512$. $10,240 + 512 = 10,752$.

6. **1,480**

$185 \times 8 = 1,480$. ($180 \times 8 = 1,440$, $5 \times 8 = 40$, total 1,480.)

7. **9,072**

$432 \times 20 = 8,640$, $432 \times 1 = 432$. $8,640 + 432 = 9,072$.

8. **6,300**

$175 \times 30 = 5,250$, $175 \times 6 = 1,050$. $5,250 + 1,050 = 6,300$.

9. **6,000**

$48 \times 125 = 6,000$. ($48 \times 100 = 4,800$, $48 \times 25 = 1,200$. $4,800 + 1,200 = 6,000$.)

10. **11,572**

$263 \times 40 = 10,520$, $263 \times 4 = 1,052$. $10,520 + 1,052 = 11,572$.

11. 16,801

$317 \times 50 = 15,850$, $317 \times 3 = 951$. $15,850 + 951 = 16,801$.

12. 7,840

224×35 : $224 \times 30 = 6,720$, $224 \times 5 = 1,120$. $6,720 + 1,120 = 7,840$.
