

Estimating Products

Grade 4 | 18 problems | About 15 minutes

Name: _____ Date: _____ Score ____ / 18

Part A: 2-digit × 1-digit Round the 2-digit number to the nearest 10. Then multiply.

- | | |
|---|---|
| 1. $38 \times 3 \approx \underline{\quad} \times 3 = \underline{\quad}$ | 2. $23 \times 8 \approx \underline{\quad} \times 8 = \underline{\quad}$ |
| 3. $94 \times 4 \approx \underline{\quad} \times 4 = \underline{\quad}$ | 4. $87 \times 4 \approx \underline{\quad} \times 4 = \underline{\quad}$ |
| 5. $38 \times 9 \approx \underline{\quad} \times 9 = \underline{\quad}$ | 6. $39 \times 5 \approx \underline{\quad} \times 5 = \underline{\quad}$ |

Part B: 3-digit × 1-digit Round the 3-digit number to the nearest 100. Then multiply.

- | | |
|---|---|
| 7. $603 \times 6 \approx \underline{\quad} \times 6 = \underline{\quad}$ | 8. $788 \times 9 \approx \underline{\quad} \times 9 = \underline{\quad}$ |
| 9. $762 \times 7 \approx \underline{\quad} \times 7 = \underline{\quad}$ | 10. $123 \times 5 \approx \underline{\quad} \times 5 = \underline{\quad}$ |
| 11. $226 \times 5 \approx \underline{\quad} \times 5 = \underline{\quad}$ | 12. $501 \times 9 \approx \underline{\quad} \times 9 = \underline{\quad}$ |

Part C: 2-digit × 2-digit Round both numbers to the nearest 10. Then multiply.

- | | |
|---|---|
| 13. $41 \times 47 \approx \underline{\quad} \times \underline{\quad} = \underline{\quad}$ | 14. $41 \times 56 \approx \underline{\quad} \times \underline{\quad} = \underline{\quad}$ |
| 15. $59 \times 18 \approx \underline{\quad} \times \underline{\quad} = \underline{\quad}$ | 16. $81 \times 33 \approx \underline{\quad} \times \underline{\quad} = \underline{\quad}$ |
| 17. $49 \times 34 \approx \underline{\quad} \times \underline{\quad} = \underline{\quad}$ | 18. $72 \times 91 \approx \underline{\quad} \times \underline{\quad} = \underline{\quad}$ |

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Part A: 2-digit × 1-digit Round the 2-digit number to the nearest 10. Then multiply.

1. $38 \times 3 \approx \underline{40} \times 3 = \underline{120}$

2. $23 \times 8 \approx \underline{20} \times 8 = \underline{160}$

3. $94 \times 4 \approx \underline{90} \times 4 = \underline{360}$

4. $87 \times 4 \approx \underline{90} \times 4 = \underline{360}$

5. $38 \times 9 \approx \underline{40} \times 9 = \underline{360}$

6. $39 \times 5 \approx \underline{40} \times 5 = \underline{200}$

Part B: 3-digit × 1-digit Round the 3-digit number to the nearest 100. Then multiply.

7. $603 \times 6 \approx \underline{600} \times 6 = \underline{3,600}$

8. $788 \times 9 \approx \underline{800} \times 9 = \underline{7,200}$

9. $762 \times 7 \approx \underline{800} \times 7 = \underline{5,600}$

10. $123 \times 5 \approx \underline{100} \times 5 = \underline{500}$

11. $226 \times 5 \approx \underline{200} \times 5 = \underline{1,000}$

12. $501 \times 9 \approx \underline{500} \times 9 = \underline{4,500}$

Part C: 2-digit × 2-digit Round both numbers to the nearest 10. Then multiply.

13. $41 \times 47 \approx \underline{40} \times \underline{50} = \underline{2,000}$

14. $41 \times 56 \approx \underline{40} \times \underline{60} = \underline{2,400}$

15. $59 \times 18 \approx \underline{60} \times \underline{20} = \underline{1,200}$

16. $81 \times 33 \approx \underline{80} \times \underline{30} = \underline{2,400}$

17. $49 \times 34 \approx \underline{50} \times \underline{30} = \underline{1,500}$

18. $72 \times 91 \approx \underline{70} \times \underline{90} = \underline{6,300}$