

ADVANCED MATH CHALLENGES (GRADES 4-6)

Name: _____ Date: _____

MULTI-STEP PROBLEMS

1. A book has 120 pages. You read 15 pages/day for 5 days. Pages left? _____
2. Pencils cost \$0.25 each. How many can you buy with \$3.00? _____

NUMBER PATTERNS

3. Find the rule: 3, 9, 27, 81, _____ (Rule: _____)
4. What's missing? 1, 1, 2, 3, 5, 8, _____, 21

REAL-WORLD CHALLENGES

5. A rectangle's area is 24cm^2 . Length is 6cm. Width? _____
6. A pizza is cut into 8 slices. 3 friends share equally. How many slices each? _____

BRAIN BUSTERS

7. Using 4, 5, 6, and $+$ $-$ $\times$ $\div$, make an equation = 10: _____
8. If 12 pencils weigh 96g, what's the weight of 5 pencils? _____

BONUS IMPOSSIBLE CHALLENGE:

9. Find two numbers where:
 - Product is 48
 - Difference is 2Numbers: _____ and _____