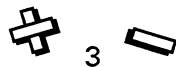




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Orders, Orders, Orders

Use the order of operations to solve each number sentence. When you have several operations in the same number statement, it's important to perform the operations in the correct order. Do all multiplication and division in a problem first. Remember to add, subtract, multiply and divide from left to right.

1. $3 \times (55 \div 5) + 9 = \underline{\quad}$

2. $9 + (21 \div 3) = \underline{\quad}$

3. $6 - 5 + (4 \times 8) = \underline{\quad}$

4. $(6 + 3 \times 3) \div 5 = \underline{\quad}$

5. $81 \div (5 \times 4 - 11) = \underline{\quad}$

6. $(7 + 7) \div 2 \times 8 = \underline{\quad}$

7. $77 \times (1 - 1) \times 100 = \underline{\quad}$

8. $(2 + 7) \times (9 - 5) = \underline{\quad}$

9. $(3 + 2) \times 8 \div 4 = \underline{\quad}$

10. $6 \div 3 + (9 - 2 \times 4) = \underline{\quad}$

11. $30 - (4 \times 7) = \underline{\quad}$

12. $(16 \div 8 + 2) \times 7 = \underline{\quad}$

Rewrite problem #2 so the answer is 10.

Rewrite problem #3 so the answer is 40.

Rewrite problem #8 so the answer is 60.

Rewrite problem #9 so the answer is 7.

Fraction Fun

Use the six figures to answer the questions below. Simplify each fraction to the lowest terms.

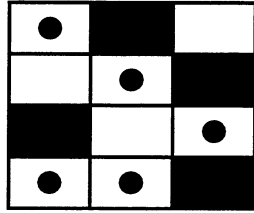


figure A

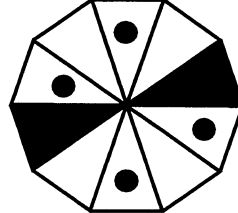


figure B

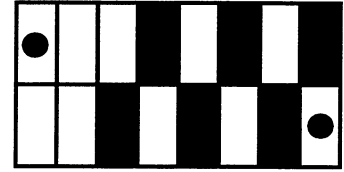


figure C

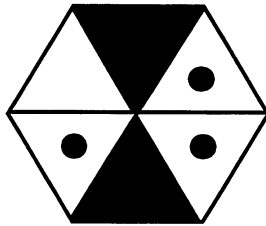


figure D

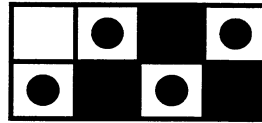


figure E

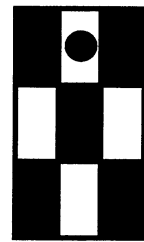


figure F

Write the fraction for the white portion of each figure.

figure A _____ figure B _____ figure C _____

figure D _____ figure E _____ figure F _____

Write the fraction for the black portion of each figure.

figure A _____ figure B _____ figure C _____

figure D _____ figure E _____ figure F _____

Write the fraction for the dotted portion of each figure.

figure A _____ figure B _____ figure C _____

figure D _____ figure E _____ figure F _____



Geometric Riddles

Use the words below to fill in the blanks. The definitions will help you.

acute triangle	hexagon	obtuse triangle
octagon	parallelogram	pentagon
polygon	quadrilateral	rectangle
right triangle	square	trapezoid
triangle		

a polygon that has 6 sides
and 6 vertices

a polygon that has 8 sides
and 8 vertices

a closed figure that has three
or more sides

a polygon that has 5 sides
and 5 vertices

a triangle with all angles
< 90°

a triangle with
one angle > 90°

a polygon that has 3 sides
and 3 vertices

a polygon that has 4 sides
and 4 vertices

a quadrilateral whose
opposite sides are parallel

a quadrilateral that has one
pair of parallel sides