

# Fun Activities to Exercise



## Your Brain

Free ebook compliments of the Say What You Mean 2007 Convention

# Visual Picture Puzzles

What common saying is depicted by the image below?



Thinking



# Lateral Thinking Puzzles



Two trains are crossing the country, from coast to coast, over 3,000 miles of railroad track. Train A is going from east to west at 70 miles per hour, and Train B is going from west to east at 80 miles per hour. Which train will be closer to the west coast when they meet?

(Hint: You don't have to do any math to get the answer. Just use your head!)

# Reasoning Puzzles



A traveler arrives in a small town and decides he wants to get a haircut. According to the manager of the hotel where he's staying, there are only two barbershops in town — one on East Street and one on West Street. The traveler goes to check out both shops. The East Street barbershop is a mess, and the barber has the worst haircut the traveler has ever seen. The West Street barbershop is neat and clean; its barber's hair looks as good as a movie star's.

Which barbershop does the traveler go to for his haircut, and why?



# Math & Number Puzzles

Can you find the number that belongs in the empty square?

2	2	2	2
2	6	10	14
2	10	26	50
2	14	50	

#2

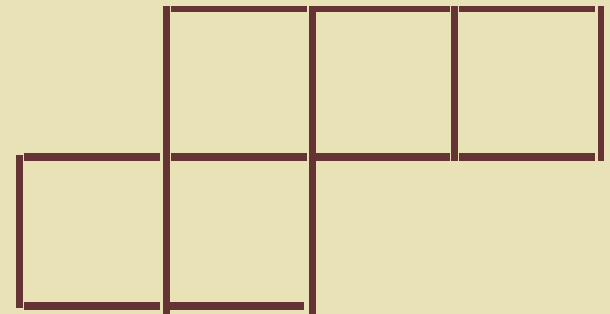
Use the numbers  
1,2,3,4,5 & 6 only  
once to solve this  
math puzzler.

$$\begin{array}{r} \quad ? \quad ? \\ \quad \times \quad ? \\ \hline ? \quad ? \quad ? \end{array}$$

#3

Create this configuration with  
toothpicks.

Can you form exactly 4 squares  
the same size by moving exactly  
2 toothpicks? You must use all  
of the toothpicks – no  
overlapping!





# Deductive Reasoning Puzzles

The right answers to problems can often be found by removing answers you are sure are wrong. Use X's in the squares to mark the wrong answers and solve the riddle. If you can't solve the puzzle after the last clue, then you haven't gotten all of the information from the other clues.

**Problem #1:** Three children named Sue, Bob and Tim are wearing hats colored blue, red and black. Match each child up with the correct hat.

Clues:

1. Sue is wearing a red or black hat.
2. Tom is wearing a black hat if Bob is wearing a blue hat. Or Tom is wearing a red hat if Sue is wearing a blue hat.

	blue	red	black
Sue			
Bob			
Tom			

**Problem #2** – What if the first clue was changed to read: “Sue is not wearing a red or black hat.” Then what color hat would Bob be wearing?

# Answers

Visual Picture Puzzle – Thinking outside of the box

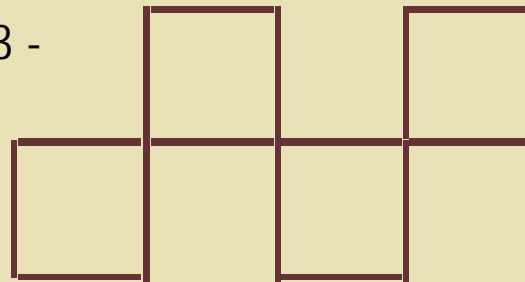
Lateral Puzzle - When the trains meet, they will be at exactly the same point. Therefore, they will each be the same distance from the west coast.

Reasoning Puzzle - The traveler goes to have his hair cut at the barbershop on East Street. He figures that since there are only two barbershops in town the East Street barber must have his hair cut by the West Street barber and vice versa. So if the traveler wants to look as good as the West Street barber (the one with the good haircut), he'd better go to the man who cuts the West Street barber's hair-the East Street barber. By the way, the reason the West Street barbershop is so clean and neat is that it seldom gets customers.

Number & Math Puzzle - The missing number is 126. Each number is the sum of the number above it, to the left of it, and diagonally and upwards to the left of it.

$$\begin{array}{r} \#2 - 54 \\ \quad \underline{\times 3} \\ \quad 162 \end{array}$$

#3 -



Deductive Reasoning Puzzles - #1 : Sue – red, Bob – blue, Tom – black.

#2: Sue – blue, Bob – black, Tom – red.



## Would you like more puzzlers & brainteasers?

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Site of Independent Manager, Cindy Powers

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[MamaPow@comcast.net](mailto:MamaPow@comcast.net) for more information.

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