Fractions & Decimals	Probability	Addition & Subtraction	Multiplication & Division	Patterns & Symmetry
$200 (F1)	$200 (P1)	$200 (A1)	$200 (M1)	$200 (S1)
$400 (F2)	$400 (P2)	$400 (A2)	$400 (M2)	$400 (S2)
$600 (F3)	$600 (P3)	$600 (A3)	$600 (M3)	$600 (S3)
$800 (F4)	$800 (P4)	$800 (A4)	$800 (M4)	$800 (S4)

Questions:

FI:
What is ½ + ½ equal to?

F2:
What is ¾ - ¼ equal to?

F3:
What is 0.25 + 1.50 equal to?

F4:
What is 6/3 + 3/3 equal to?

P1:
If you flip a coin, what is the probability that it will land on heads?

P2:
If you roll a 6-sided di, what is the probability that it will land on a 6?

P3:
A bag contains 5 red marbles and 5 yellow marbles. If I add two more yellow marbles and two more red marbles, have I changed the probability that I will pull out a red marble when I reach into the bag? Why?

P4:

You are standing with a friend. You each have a coin. You flip the coins into the air. What is the probability the coins will both land on heads?

A1:
What is 103 + 37 equal to?

A2:
What is 394 – 104 equal to?

A3:
What is 11,893 – 10,034 equal to?

A4:
What is 10.032 + 1.934 equal to?

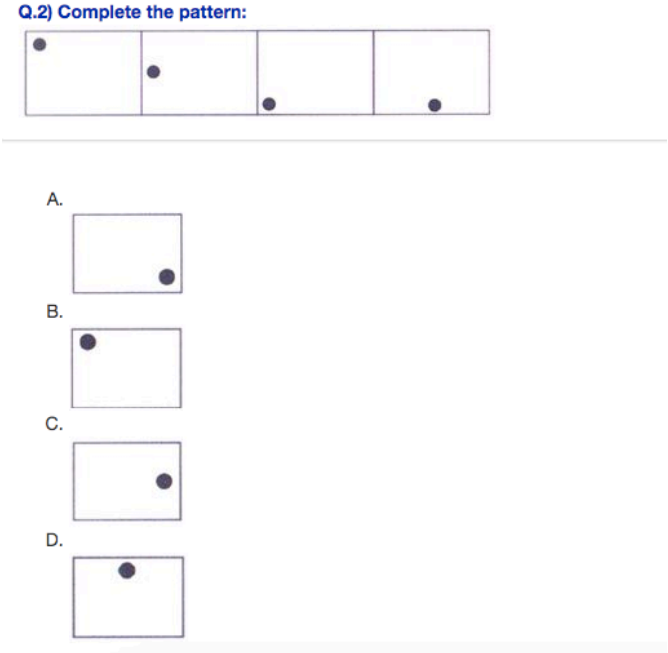
M1:
What is 300 / 10?

M2:
What is 8,800 /100?

M3:
What is 20 x 4?

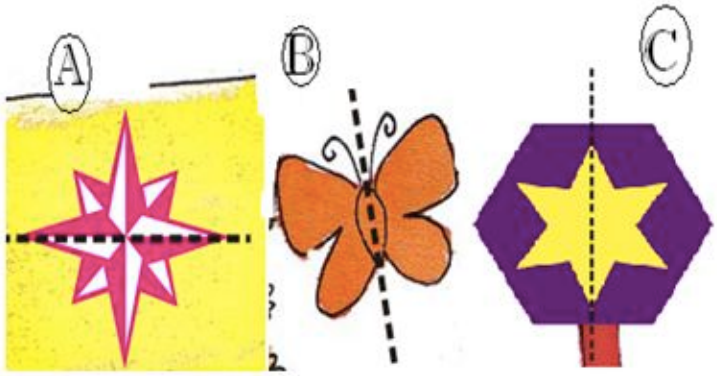
M4:
What is 100/5?

S1:



S2:

Q.4) Which of the shapes are divided into two mirror halves by dotted line?



S3: Complete the pattern: 3, 30, 300, ___, ___

A. 300, 3000
B. 30000, 3000
C. 3000, 30000
D. 3000, 3000

S4: Complete the pattern: 12, 24, 48, 96, ___, ___

A. 192, 384
B. 192, 382
C. 182, 364
D. 190, 380

Answer Key:

FI: 1

F2: 1

F3: 1.75

F4: 9/3 or 3

P1: ½ or a 50% chance

P2: 1/6 or a 16.6% chance

P3: The probability remains the same because half of the marbles are still red and half of the marbles are still yellow

P4: There are 4 possible outcomes, one of which is heads, heads. Therefore the probability is ¼.

A1: 140

A2: 290

A3: 1,859

A4: 11.966

M1: 30

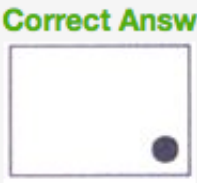
M2: 88

M3: 80

M4: 20

S1: A

Correct Answer:



S2: B and C

S3: C) 3000, 30000

S4: A) 192, 384