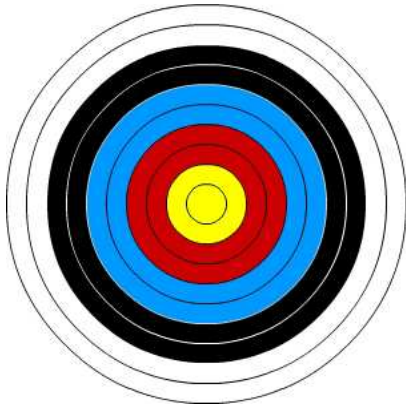# Archery (1)
Maths worksheets from urbrainy.com

In the archery the semi-final round begins when there are just 4 archers left. In the semi-final and final each archer shoots four ends of three arrows each, a total of 12 arrows. The scoring is based on a ten ring target, made up of 5 colours. The points are as follows:

Gold inner	10 points	Gold outer	9 points
Red inner	8 points	Red outer	7 points
Blue inner	6 points	Blue outer	5 points
Black inner	4 points	Black outer	3 points
White inner	2 points	White outer	1 points

Arrows which land on the line are given the higher score.

1. Jim landed all three of his arrows in the Gold rings.

   What possible scores could he have had?
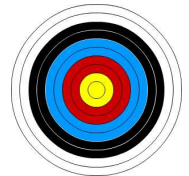
   There are 4 possible answers.

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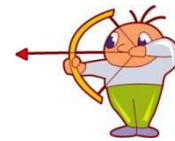
2. Jack landed one arrow in gold (10 or 9 points),

one arrow in red   (8 or 7 points)

and one arrow in blue   (6 or 5 points)..

What possible scores could he have had?

There are 8 possibilities, with just 4 possible totals.

☐ + ☐ + ☐ = ☐

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Answers

Page 1

$10 + 10 + 10 = 30$

$10 + 10 + 9 = 29$

$10 + 9 + 9 = 28$

$9 + 9 + 9 = 27$

Page 2

$10 + 8 + 6 = 24$

$10 + 8 + 5 = 23$

$10 + 7 + 6 = 23$

$10 + 7 + 5 = 22$

$9 + 8 + 6 = 23$

$9 + 8 + 5 = 22$

$9 + 7 + 6 = 22$

$9 + 7 + 5 = 21$