

## Flying discs

Watch the video

<https://vimeo.com/138521276>

Answer these questions

- What do you notice? What do you wonder?
- How far did the disc fly?
- Write an estimate you know is too high. Write an estimate you know is too low.

Here is a clue



### Shoes

The total cost of 2 pairs of shoes was \$87. I know one pair of shoes cost at least \$50 more than the other. What are some possibilities for the price of each pair of shoes?

### Chocolate bars

How many chocolate bars would cover a 1 km long line?



### Pizza

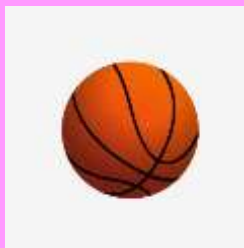
You bought a pizza for \$13.20. These are the coins and notes you have

- \$10
- \$5
- 20c
- \$2
- \$2

How will you pay? What change will you get?

### Basketball

In my basketball club there are between 20-50 players. I know there are 3 times as many girls as boys. How many boys and girls are there?



### Chocolate bags

I am making chocolate bags; each bag has 32 chocolates in them. I have 1444 chocolates. How many bags can I make?

### 3D shapes

Use household supplies to make 3D shapes.

Properties of 3D shapes			
<p>Cone</p> <p>2 Faces 1 Edge 1 Vertex</p>	<p>Sphere</p> <p>1 Face 1 Edge 0 Vertices</p>	<p>Tetrahedron</p> <p>4 Faces 6 Edges 4 Vertices</p>	<p>Cuboid</p> <p>6 Faces 12 Edges 8 Vertices</p>
<p>Cylinder</p> <p>3 Faces 2 Edges 0 Vertices</p>	<p>Cube</p> <p>6 Faces 12 Edges 8 Vertices</p>	<p>Triangular Prism</p> <p>5 Faces 9 Edges 6 Vertices</p>	<p>Square-based pyramid</p> <p>5 Faces 8 Edges 5 Vertices</p>

### Extra challenge:

If I you have 3 types of deli meat (ham, turkey, and salami) and 4 types of bread (white, wheat, honey, raisin), how many combinations could you make with 1 meat, and 1 bread?