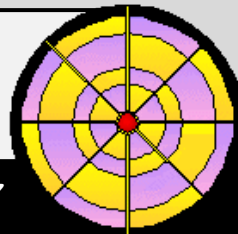


The Daily Rigour



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Your free weekly numeracy newspaper!

Kellogg's promises to cut sugar in its children's cereals by 10%

Kellogg's has promised to cut sugar in its children's cereals by 10% by the end of next year. A 30 grams bowl of Frosties currently contains 11 grams of sugar.



How many grams of sugar will it contain once it's content is reduced by 10%?

Life-sized game of Monopoly is coming to the UK

Fans of Monopoly will be jumping for joy as creators of the popular board game have launched Monopoly Lifesized - a 4D experience that allows people to play on a giant 15m x 15m board. And it's coming to the UK on the 14th of August.

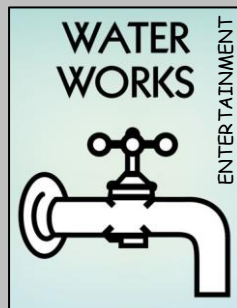
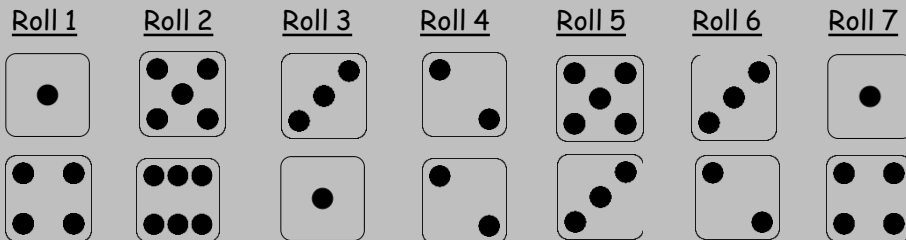


(a) What is the area of this giant board game?

The aim of the board game Monopoly is to buy properties and other players must pay you "rent" money if they land on a square with your property. Property prices and rent costs vary from square to square.

The property Water Works costs £150 and the rent is charged at $4 \times$ the dice roll of a player who lands on it. On average, a player will get their money back after 7 players land on the square.

Shown below are the dice rolls of the first 7 times Water Works has been landed on since it was purchased in a game of Monopoly.

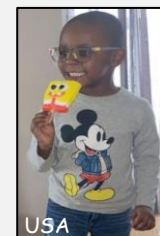


Would a player earn their £150 investment back after these 7 players landed on their square? You MUST give a reason for your answer.

Four year old boy spends \$2618.85 on Amazon buying SpongeBob ice lollies!

Noah, a four year old from New York, loves SpongeBob. A lot.

In fact, he loves the cartoon character so much that he decided to pop on Amazon for a spot of retail therapy.



Little did his mother know that he had purchased 51 cases of SpongeBob ice lollies racking up a bill of \$2618.85!

There are 18 SpongeBob ice lollies in a case.

- How many lollies did Noah buy altogether?
- How much does a single SpongeBob ice lolly cost? Give your answer in dollars and cents.

Ajax melt down Dutch title trophy to make stars to give to fans

Ajax fans, like most football fans around the world, haven't been able to get involved in the action this season because of the pandemic. As a result, the club have decided to share their league title with them. Literally.



The Dutch champions, who secured their 35th Eredivisie title on the 2nd of May, have melted down their 144.9 kilogram trophy and turned it into silver stars to gift to fans who are season

ticket holders at the Johan Cruyff Arena.

Each silver star weighs 3.45 grams.

How many were produced in total?



SPORT