#### Maths Code Crackers | Year 6 | Percentages | Questions

#### **Rugby Six Nations (starts first Saturday in February)**

The Six Nations rugby championship is a sporting competition for both men and women. It is a tournament played every year between the six top rugby union-playing countries in Europe. The six countries are England, Scotland, Wales, Ireland, France and Italy. Teams play five matches, if they win all of the five matches, it is called a Grand Slam. Grand Slams are very rare!

Solve each question below. Then use the key to find the answer to the joke. Letters can be used more than once.

**1.** Write  $\frac{23}{25}$  as a percentage.

**2.** Which is larger, 0.42 or 37%?

**3.** 29% + 57% + ?% = 100%

**4.** Write  $\frac{13}{100}$  as a percentage.

**5.** Which is the odd one out? 25%, 0.25,  $\frac{5}{20}$ , 0.2

Did you know?

**6.** Which is larger,  $\frac{3}{8}$  or 50%?

**7.** 26% of 40 = ?% of 80

The first rugby balls were plumb-shaped and made from pigs' bladders.

8. Which is the odd one out?  $92\%, \frac{95}{100}, \frac{19}{20}, 0.95$ 

**9.** 16% of 350 =

**10.** 48 is what % of 96?

**11.** 41% of 200 =

**12.** 25% of 80 = ?% of 40

**13.** 35% of 900 =

**14.** Write  $\frac{3}{5}$  as a percentage.

**15.** 90% of 49 =

**16.** 75% of 420 =

**17.** 25% of ? = 20

**18.** 14% of 500 =

**18.** Which is larger, 0.8 or 71%

Α	В	С	D	E	F	G	Н	Ι	J	K	L	М
50%	<u>95</u> 100	13%	0.25	0.42	37%	52.5	92%	70	120	80	19.6	44.1
N	0	Р	Q	R	S	Т	U	٧	W	Х	Υ	Z
0.8	0.2	315	44	14%	82	4.2	60%	<u>5</u> 20	56	<u>19</u> 20	71%	0

## Why was Cinderella such a bad rugby player?

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

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## **Rugby Six Nations (starts first Saturday in February)**

1.	Write $\frac{23}{25}$ as a percentage.	92%	Н
2.	Which is larger, 0.42 or 37%?	0.42	E
3.	29% + 57% + ?% = 100%	14%	R
4.	Write $\frac{13}{100}$ as a percentage.	13%	C
5.	Odd one out 25%, 0.25, $\frac{5}{20}$ , 0.2	0.2	0
6.	Which is larger, $\frac{3}{8}$ or 50%?	50%	A
7.	26% of 40 = ?% of 80	13%	C
8.	Odd one out 92%, $\frac{95}{100}$ , $\frac{19}{20}$ , 0.95	92%	Н
9.	16% of 350 =	56	W
10.	48 is what % of 96?	50%	A
11.	41% of 200 =	82	S
12.	25% of 80 = ?% of 40	50%	A
13.	35% of 900 =	315	P
14.	Write $\frac{3}{5}$ as a percentage.	60%	U
15.	90% of 49 =	44.1	M
16.	75% of 420 =	315	P
17.	25% of ? = 20	80	K
18.	14% of 500 =	70	ī
19.	Which is larger, 0.8 or 71%	0.8	N

# Why was Cinderella such a bad rugby player?

Her coach was a pumpkin.