

**TOP
TRUMPS**

PLAY AND LEARN

YEAR 5

MATHS

Basking Shark



Size	40 x 20	
Depth	128 ÷ 16	
Defences	893 - 875	
Freakiness	6 x 6	

Bottle Nose Dolphin



Size	61 x 6	
Depth	648	
Defences	45 x 0	
Freakiness	324 ÷ 54	

Seal



Size	91 + 94	
Depth	56 + 23	
Defences	204 ÷ 17	
Freakiness	100 ÷ 25	

Great White Shark



Size	50 x 12	
Depth	372 ÷ 6	
Defences	223 - 174	
Freakiness	210 ÷ 30	

Hermit Crab



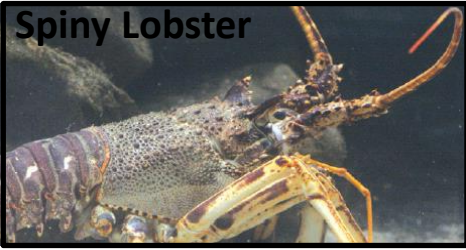
Size	220 ÷ 22	
Depth	300 - 280	
Defences	117 ÷ 13	
Freakiness	233 - 214	

Humboldt Penguin



Size	3 x 20	
Depth	14 x 5	
Defences	192 ÷ 16	
Freakiness	95 ÷ 19	

Spiny Lobster



Size	$90 \div 3$	
Depth	294 - 211	
Defences	79 - 62	
Freakiness	11×2	

Loggerhead Turtle



Size	15×6	
Depth	79 - 60	
Defences	$110 \div 22$	
Freakiness	$550 \div 50$	

Long-Horned Cowfish



Size	$400 \div 8$	
Depth	8×4	
Defences	$99 \div 3$	
Freakiness	86 - 54	

Sea Urchin



Size	$600 \div 12$	
Depth	175 - 84	
Defences	$36 + 13$	
Freakiness	17×2	

Manatee



Size	$156 + 179$	
Depth	$120 \div 8$	
Defences	$196 \div 2$	
Freakiness	$180 \div 15$	

Mantis Shrimp

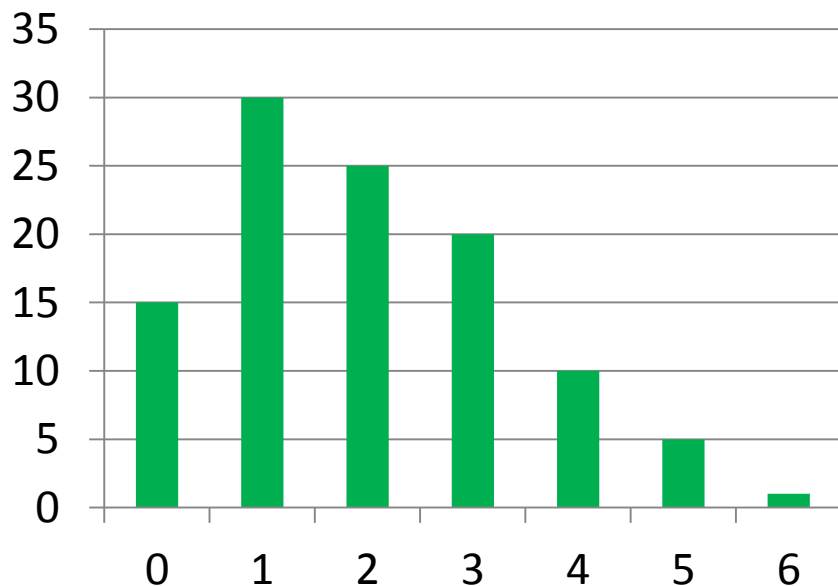


Size	$450 \div 30$	
Depth	7×3	
Defences	$612 \div 12$	
Freakiness	$15 + 16$	



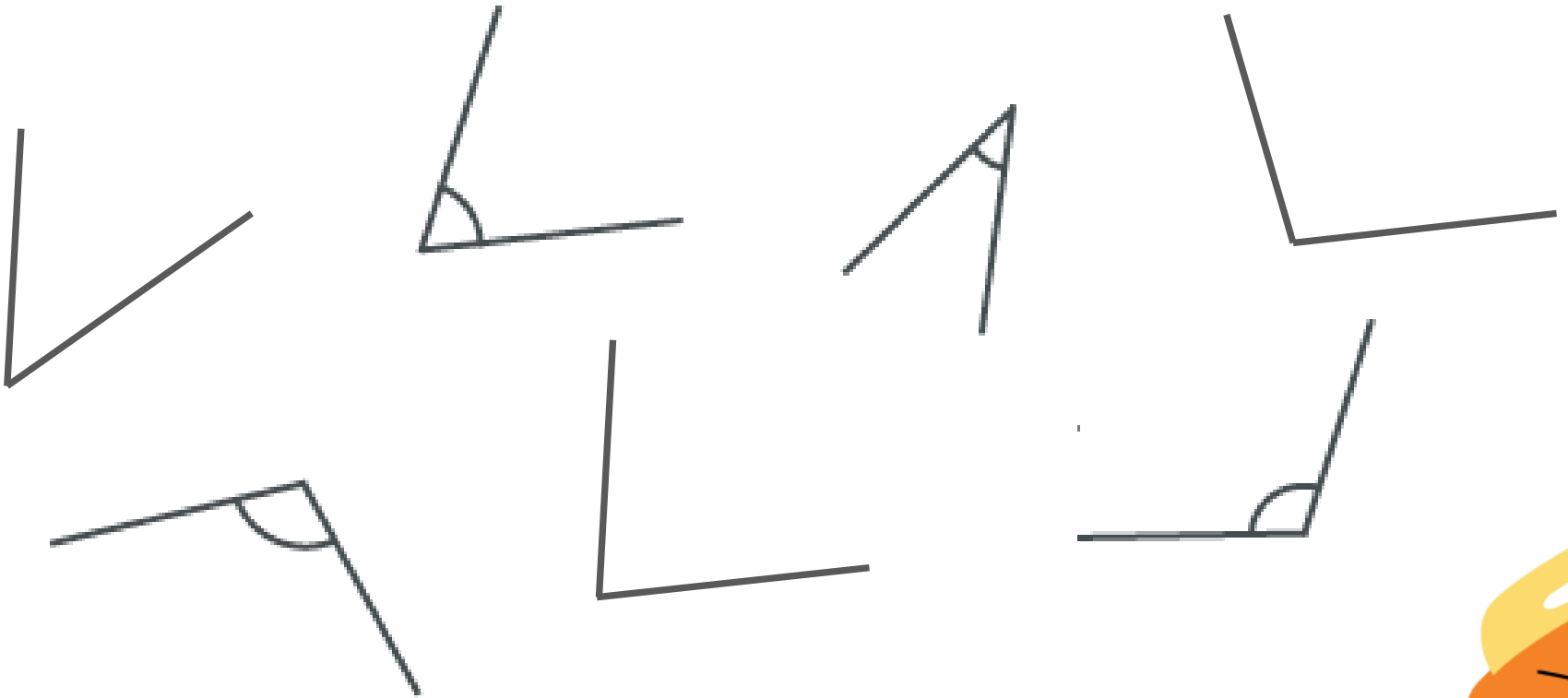
Toppy and Trumpy want to analyse how many pets the families in their neighbourhood have

Help them by using the bar chart below...



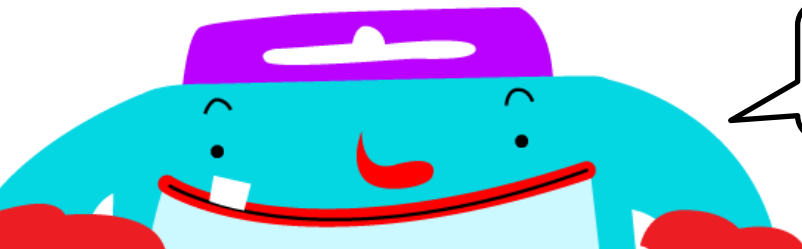
1. How many families don't have any pets?
2. How many families had at least 3 pets?
3. How many families are there in the neighbourhood?
4. What fraction of families had less than 2 pets?
5. What is the range of the frequencies?
6. What is the average number of pets per family?

Can you identify which angle is which from the pictures below?



Remember! Acute has an angle that is less than 90°

... and an obtuse triangle is greater than 90° but less than 180°



Toppy is trying to do some DIY at home but his instructions are in different metrics than his tape measure...

Can you help Toppy convert the measurements?

1.3m cm

233cm m

340mm cm

7m mm

62cm m

17m cm

410mm m

210cm m

15m cm

24m mm

76cm m

51mm cm

12.5cm mm

1.39m cm

