**Class 5 – Homework – Lumley - 21.11.22**

**Q1.**

Each of these diagrams is divided into equal parts.

Some of the parts are shaded.



Write the letters of all the diagrams that have exactly  shaded.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1 mark

Which of the diagrams has exactly  shaded?



1 mark

**Q2.**

Shade  of this shape.



1 mark

**Q3.**

This diagram shows a shaded rectangle surrounded by squares.



What fraction of the diagram is shaded?



1 mark

**Q4.**

Sarah has a packet of balloons.



The contents of the packet are

5 red balloons
5 blue balloons
10 yellow balloons

Sarah says,

***‘One-quarter of the balloons are red’.***

Is Sarah correct?
Circle **Yes** or **No**.

Yes / No

Explain how you know.

**Q5.**

Here is a square.



What fraction of the square is shaded?

**Q6.**



Tom and Nadia have 16 cards each.

Tom gives Nadia 12 of his cards.

How many cards do Tom and Nadia each have now?

|  |  |  |  |
| --- | --- | --- | --- |
| Tom |  | Nadia |  |

1 mark

Lucy also has 16 cards.

She gives a quarter of her cards to Kiran.

How many cards does Lucy give to Kiran?

**Q7.**

Write these numbers in order, starting with the smallest.

|  |  |  |  |
| --- | --- | --- | --- |
| 0.6 |  | 0.2 |  |
|  |  |  |  |
| smallest |   |   | largest |

1 mark