TAURANGA GIRLS COLLEGE **Name: _____**

YEAR 9 HOMEWORK SHEET **Tutor Class:**

Series A Sheet 2 Due Date: _____

TGC Values: Respect, Participation, Pride

1.

	3	8	9	5	2	7	10	6	1	4
+ 5										

2.

	15	13	9	11	17	12	10	8	14	16
– 7										

3.

	8	2	4	6	3	9	10	1	5	7
x 3										

4.

	56	14	28	42	21	63	70	7	35	49
÷ 7										

5. 42 + 18 =

6. 26 + 54 =

7. 15 + 55 =

8. 25 + 35 + 10 =

9. 56 + 20 + 14 =

10. 19 + 30 + 21 =

11. 73 – 20 =

12. 64 – 24 =

13. 70 – 52 =

14. 69 – 39 =

15. 70 – 32 =

*Numeracy Total: _____ / **15***

KEY SKILLS:

1. In the number 5692 what digit is in the hundreds column?

_____

2. Write 2307 in words

_____

3. Round 734 to the nearest hundred. _____

4. Insert < or > to make it a true statement:

547 ____ 291

5. Calculate 7^2 = _____

6. List the factors of 14

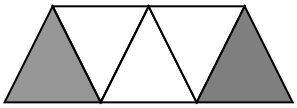
_____

7. Calculate 5 x (3 + 4)

_____

8. 0.7 as a fraction = _____

9. What fraction is shaded?



_____

10. $\frac{1}{5}$ of 45 = _____

11. $\frac{1}{7} + \frac{3}{7}$ =

12. Write the next two numbers:
11, 7, 3, ____, ____

13. 1 metre = _____ mm

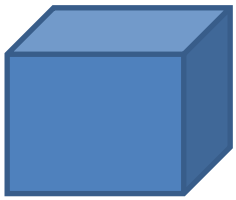
14. What is the *perimeter* of this rectangle?

_____cm

15. What is the *area* of the rectangle shown above?

_____cm^2

16. Name this shape:



_____

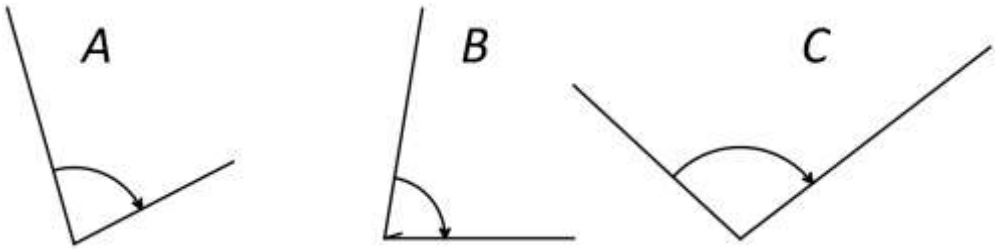
17. How many *vertices* does this *cuboid* have?

_____

Key Skills Total: _____ / 17

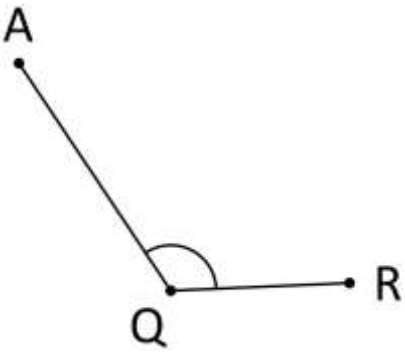
CURRENT WORK:

1. Which angle is the biggest?



_____

2. Name this angle _____

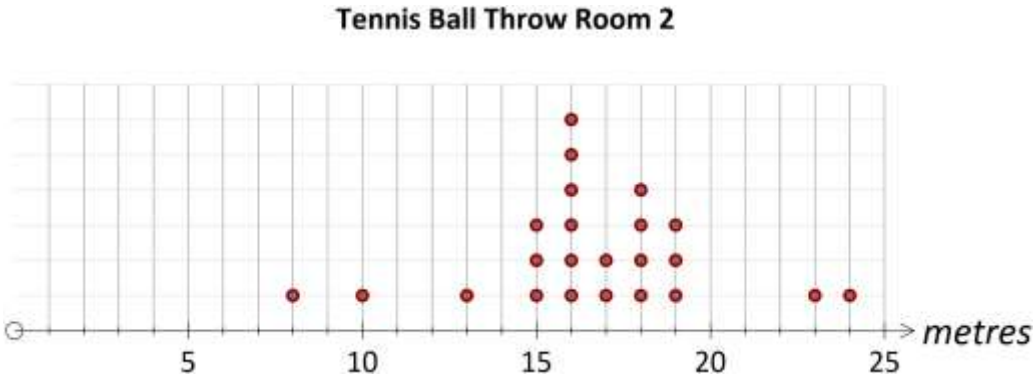


3. What type of angle is this? _____

4. Is this angle bigger or smaller than a right angle?

_____

Children in Room 2 at Gate Pa School recorded how far they could throw a tennis ball. The distances were taken to the nearest metre. The results are shown below:



5. What type of graph is this? _____

6. How many students threw the tennis ball? _____

7. How many *exceeded* 15m on their throw? _____

Current Work Total: _____ */ 7*

APPLICATIONS AND PROBLEM SOLVING

(Show your working to show how you solved these questions. One mark for working, one mark for the correct answer)

1. Linda is collecting cards for her son Max for the Rugby World Cup at Caltex Petrol Stations. On the last three times she has got petrol she has got 27, 43 and 66 stamps. Max needs 200 cards to win a rugby jersey. How many more cards does he need?
Working:

Answer: Max needs _____ more cards

2. A book is packed in two different sized boxes. Small boxes hold 20 books. Large boxes hold 50 books. A shipment of books had 6 small boxes and 12 large boxes. How many books was there altogether in the shipment?
Working:

Answer: _____ books altogether

3. There are 10 rows of Year 9 students in the hall and there are 15 students in each row. There are 11 rows of Year 10 students and each row has 12 students. If the rows are all full, which year group has the most students, and by how many?
Working:

Answer: Year ___ has _____ more students than Year ___ .

*Applications and problem solving Total: _____ / **6***

Overall Total: ____+____ + ____ + ____ = ____ /45

Parent Signature: