**First Name Last Name**

[­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_] [\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_]

**Teacher’s Name**

[­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_]

HOME LEARNING PACK

TERM 5

YEAR 11

FOUNDATION – Grade 1 - 3

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| --- | --- | --- | --- |
| Write in  simplest form. | How many metres are in 5 kilometres? | List the factors of 18. | Round 5.682 to one decimal place. |
| Decrease £500 by 20%. | Find the value of  . | Calculate . | List the first 5 prime numbers. |
| Calculate . | Find the value of  . | Write 100 as a product of prime factors. | Solve  . |

|  |  |  |  |
| --- | --- | --- | --- |
| Find the size of angle . | Simplify | Find the area.  Image result for l shape | Estimate the value of |
| Ben and Tyrell share £55 in the ratio 2:3. How much does Tyrell get? | Find the volume of the cuboid.  Image result for cuboid volume maths |
| Solve  . | What’s the interior angle of an equilateral triangle? | Expand . |

|  |  |  |  |
| --- | --- | --- | --- |
| Solve . | Find the area.  Image result for area triangle | There are 15 counters in a bag. 2 are green, the rest are blue. A counter is picked at random. Find the probability of picking a blue counter. | Find the circumference. Give your answer in terms of  Image result for circle radius |
| What type of correlation is shown here?  Image result for scatter graph | If and , find: | What’s the lowest common multiple of 6 and 8? | Simplify . |
| I scored 24 out of 50 on a test. What’s that as a percentage? | It costs £150 to buy 10 games. How much does it cost to buy 12 games? |

|  |  |  |  |
| --- | --- | --- | --- |
| Find the length w. | Find angle a and give reasons.  https://3.bp.blogspot.com/-8ZyluUCpAfw/WIuhRaimJpI/AAAAAAAAUkM/nfk1WXd1olQRhMD0X2Lns_GuhwhZo2p9gCLcB/s1600/Picture1.png | If a car travels 25 miles in 30 minutes, what is its speed in miles per hour? | Write 5 million in standard form. |
| Translate the  point A by . Label the translated point B.  Image result for grid point a  What are the coordinates of B? | What’s the next term in each sequence?   1. 1, 1, 2, 3, 5, 8, … 2. 3, 7, 11, 15, 19, …   c) 1, 2, 4, 8, 16, 32, … | These two cuboids are similar.  Find the lengths and .  Image result for maths similarity |
| Solve . |