

Wednesday 24<sup>th</sup> June 2020

Hello Year 6 - hope you are all well? We are all working from home today so everyone will be working on the home learning.

Today's Maths!

Rounding to check and estimate answers. We can round calculations to make them easier to complete if we only need an approximate answer. We can also complete the calculation and then complete an estimated calculation and if the numbers are close then we know we are more likely to be correct. Have a go at estimating and then calculating below. Each question requires two calculations an estimate and the exact answer.

**TARGET** To use estimation to check answers to calculations.

*Examples*

$576.48 + 381.75$ rounds to $580 + 380 = 960$ Answer $\approx 960$	$832.9 - 659.84$ rounds to $830 - 660 = 170$ Answer $\approx 170$	$74.85 \times 7$ rounds to $75 \times 7 = 525$ Answer $\approx 525$	$75.69 \div 9$ rounds to $76 \div 9 = 8.4$ Answer $\approx 8.4$
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( $\approx$  means *is approximately equal to*)

**A**  
Round to the nearest 10 and estimate. Work out and check your answer.

- $756 + 263$
- $382 + 175$
- $627 - 458$
- $935 - 261$
- $244 \times 3$
- $575 \times 8$
- $752 \div 5$
- $539 \div 6$

Round to the nearest 100 and estimate. Work out and check your answer.

- $5974 + 1647$
- $8546 + 3495$
- $7359 - 1892$
- $6784 - 5829$
- $8636 \times 4$
- $3164 \times 7$
- $6848 \div 2$
- $2655 \div 9$

**B**  
Round to the nearest 1000 and estimate. Work out and check your answer.

- $39\,275 + 14\,637$
- $94\,836 + 27\,908$
- $50\,926 - 11\,543$
- $84\,362 - 56\,497$
- $65\,730 \times 2$
- $19\,385 \times 6$
- $26\,192 \div 4$
- $37\,840 \div 8$

Round to the nearest whole number and estimate. Work out and check your answer.

- $47.35 + 36.59$
- $68.72 + 45.49$
- $95.24 - 35.87$
- $26.17 - 18.69$
- $26.94 \times 5$
- $35.26 \times 9$
- $68.53 \div 7$
- $52.62 \div 3$

**C**  
Round to the nearest tenth and estimate. Work out and check your answer.

- $7.593 + 2.6495$
- $9.864 + 4.9377$
- $3.18 - 1.704$
- $5.3506 - 1.672$
- $4.326 \times 7$
- $5.381 \times 12$
- $6.753 \div 3$
- $8.295 \div 5$

Estimate and then work out. Check your answer with your estimate.

- $493.875 + 276.495$
- $727.469 + 192.683$
- $81\,920.8 - 47\,549.2$
- $6217.34 - 3983.58$
- $7362.45 \times 8$
- $964.918 \times 6$
- $697\,122 \div 9$
- $40\,527.6 \div 12$

## English - Spellings (N - Q)

Here are your next set of spellings. Write them out 5 times in your neatest handwriting. Make sure you can spell them without looking. You may need a grown up to test you to be sure you can spell them.

necessary      neighbour      nuisance      occupy      occur  
opportunity      parliament      persuade      physical  
prejudice      privilege      profession      programme  
pronunciation      queue

Now put the spellings into a sentence of your own to show that you understand the meaning of the word. Bonus points for using a relative clause or using more sophisticated vocabulary like a dash, semi-colon or a hyphen.

## Topic - Science - Plants

Gardens and flowers are blooming at this time of year - let's revise the what we know about plants and the life cycle of a flowering plant. Fill in the blanks and write up the work in your exercise books. A few revision sessions are available at the following links:

<https://www.bbc.co.uk/bitesize/clips/zggyrdm>

<https://www.youtube.com/watch?v=CqYe6kN7jrQ>

### Plants

Most plants \_\_\_\_\_ new plants by growing seeds or bulbs. Seeds and bulbs \_\_\_\_\_ most things a new plant needs to \_\_\_\_\_, apart from water, \_\_\_\_\_ and sometimes, warmth. Until a seed gets these things, we say it is dormant (asleep).

Plants begin to germinate (grow) when we give them what they need or they get it from their natural \_\_\_\_\_.

Firstly, seeds begin to absorb \_\_\_\_\_ from the soil and start to swell. Eventually the protective seed coat splits. Tiny roots and shoots start to grow. The \_\_\_\_\_ grow upwards towards the light and the roots stretch \_\_\_\_\_ into the soil to locate water and nutrients.

Side branches of the \_\_\_\_\_ grow to hold the young plant \_\_\_\_\_ in place in the \_\_\_\_\_.

Next, the \_\_\_\_\_ shoot begins to grow above the soil, and soon afterwards, it will \_\_\_\_\_ its first real leaves. Once the seedling has \_\_\_\_\_ its new leaves, the plant is able to begin \_\_\_\_\_ its own food.

Through the \_\_\_\_\_ parts of the leaves, the plant will turn sunlight into energy. It will use this \_\_\_\_\_ to grow just like you use energy from the food you eat to grow. When a plant makes energy out of light, we call it \_\_\_\_\_.

More leaves will grow and the plant will get bigger. It will eventually produce \_\_\_\_\_ seeds.

These seeds will \_\_\_\_\_ to the ground or be carried by an animal or the \_\_\_\_\_ to a different place and the process will begin again.

young	environment	produce	shoots	water	downwards	wind	sprouted	making	new	green
light	grow	seedling	photosynthesis	develop	soil	firmly	contain	energy	fall	

Well done everybody - stay safe and keep up the good work - Mr Thompson 😊