## Maths Lessons - Week 8 - Angles

This pack includes your 3 maths lessons for the week. The pack includes:
$\checkmark$ 'Quick Ten' maths starters to warm your brains up
$\checkmark 3$ maths lessons
$\checkmark$ worksheets
Read through the document carefully as it will give you instructions on what to do. Your work this week is about angles. I have included a template of a protractor for you to cut out and use if you don't have one at home $\cdot$-) Remember.... $T$ to the $V$ and Rotisserie!!!!!

## Lesson 1 - Multiplication

Starter - Quick 10
Answer these 10 questions, which cover areas of maths you have already been taught, as quickly as possible. Time yourself and see if you can beat your score next time.

| Question | Answer | Question | Answer |
| :--- | :--- | :--- | :--- |
| EXAMPLE: $2 \times 4=$ | 8 | $6.90 \times 40=$ |  |
| $1.15001-100=$ |  | $7.1 / 5+9 / 30=$ |  |
| 2.8 squared= |  | $8.4+11 \times 11=$ |  |
| $3.9 \times 5=$ |  | $9.6 .07-0.071=$ |  |
| $4.4 / 15+7 / 15=$ |  | $10.7 .08 \div 100=$ |  |
| $5.25 \%$ of $179=$ |  |  |  |

## Open this link and go to SUMMER TERM - WEEK 1

https://whiterosemaths.com/homelearning/year-6/
Watch the video about angles and answer the below questions.


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$\qquad$ Work out the sizes of angles $a$ and $b$.



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## Lesson 2 - Angles in Triangles

## Starter - Quick 10

Answer these 10 questions, which cover areas of maths you have already been taught, as quickly as possible. Time yourself and see if you can beat your time from lesson 1.

| Question | Answer | Question | Answer |
| :--- | :--- | :--- | :--- |
| EXAMPLE: $2 \times 4=$ | 8 |  |  |
| $1.11077-1000=$ |  | $6.40 \times 80=$ |  |
| 2.12 squared= |  | $7.2 / 18+7 / 9=$ |  |
| $3.16 \times 4=$ |  | $8.41-(9 \times 4)=$ |  |
| $4.11 / 7-8 / 7=$ |  | $9.140 .078-0.927=$ |  |
| $5.25 \%$ of $31500=$ |  | $10.12 .05 \div 100=$ |  |

Open this link and go to SUMMER TERM - WEEK 1
https://whiterosemaths.com/homelearning/year-6/
Watch the video about angles in triangles and answer the below questions.

What is the size of the third angle?
c) One of the angles in a triangle is $38^{\circ}$. Another angle is twice the
size of the first angle.
b) Two of the angles in a triangle are $12^{\circ}$.
What is the size of the third angle?

Discuss your reasons with a partner.

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## Lesson 3 - Missing angles

## Starter - Quick 10

Answer these 10 questions, which cover areas of maths you have already been taught, as quickly as possible. Time yourself and see if you can beat your time from lesson 1.

| Question | Answer | Question | Answer |
| :--- | :--- | :--- | :--- |
| EXAMPLE: $2 \times 4=$ | 8 | $6.70 \times 90=$ |  |
| $1.259,099-1000=$ |  | $7.3 / 18+7 / 3=$ |  |
| 2.100 squared= |  | $8.20+12 \div 4=$ |  |
| $3.99 \times 8=$ |  | $9.12 .95-11.737=$ |  |
| $4.14 / 19-4 / 19=$ |  | $10.0 .007 \times 1000=$ |  |
| $5.75 \%$ of $7844=$ |  |  |  |

Open this link and go to SUMMER TERM - WEEK 1 - LESSSON 4
https://whiterosemaths.com/homelearning/year-6/
Watch the video about MSSING ANGLES in triangles and answer the below questions.



