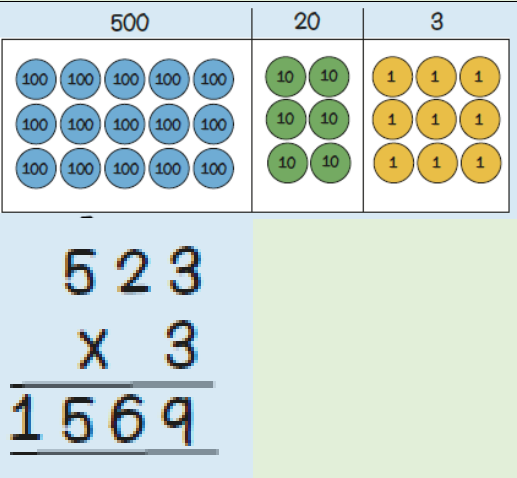
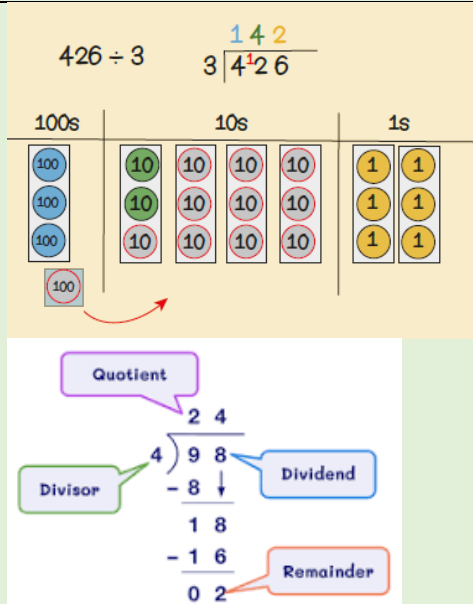
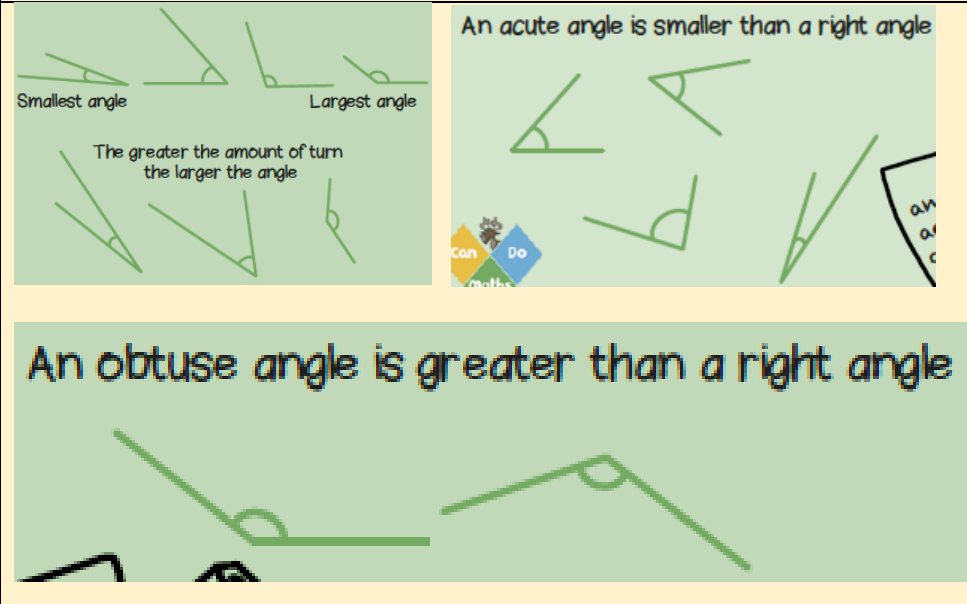


Year 4, Term 4 Knowledge Organiser for Multiplication and Division and Geometry (Angles).

| Multiplication and Division | | Geometry - Angles | |
|--|--|---|--|
| <p>Manipulatives and strategies</p>  <p>500 20 3</p> <p>100 100 100 100 100 10 10 1 1 1</p> <p>100 100 100 100 100 10 10 1 1 1</p> <p>100 100 100 100 100 10 10 1 1 1</p> <p>5 2 3 x 3 ----- 1 5 6 9</p> | | <p>Manipulatives and strategies</p>  <p>$426 \div 3 = 142$</p> <p>100s 10s 1s</p> <p>100 10 10 10 10 1 1</p> <p>100 10 10 10 10 1 1</p> <p>100 10 10 10 10 1 1</p> <p>100</p> <p>Quotient: 142</p> <p>Divisor: 3</p> <p>Dividend: 426</p> <p>Remainder: 0</p> | |
| <p>Vocabulary and meanings</p> <p>product The result (answer) when you multiply 2 numbers (factors) together.</p> <p>multiplier The number by which a given number is multiplied. $5 \times 3 = 15$ so 5 is the multiplier.</p> <p>dividend The number being divided (shared) by another number.</p> <p>divisor The number that the dividend is by divided (shared) by.</p> <p>remainder The number left over when a number cannot be equally divided by another number.</p> <p>quotient The answer when dividing one number by another.</p> | | <p>Vocabulary and meanings</p>  <p>Smallest angle Largest angle</p> <p>The greater the amount of turn the larger the angle</p> <p>An acute angle is smaller than a right angle</p> <p>An obtuse angle is greater than a right angle</p> | |
| <p>product The result (answer) when you multiply 2 numbers (factors) together.</p> <p>multiplier The number by which a given number is multiplied. $5 \times 3 = 15$ so 5 is the multiplier.</p> <p>dividend The number being divided (shared) by another number.</p> <p>divisor The number that the dividend is by divided (shared) by.</p> <p>remainder The number left over when a number cannot be equally divided by another number.</p> <p>quotient The answer when dividing one number by another.</p> | | <p>angle A measure of a turn between two straight lines that form a vertex.</p> <p>Acute An angle that is smaller than a right angle/90°</p> <p>Obtuse An angle that is greater than a right angle/90° but smaller than 2 right angles/180°</p> <p>Right angle An angle that measures 90°</p> <p>Straight angle An angle that measures 180°</p> | |