Name_____ *Summer Mathematics Challenges*

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T  S  W  S  E  T  N  F  D  D  Y  R  Q  F  T
H  I  X  Z  E  V  E  N  Z  X  U  Y  I  Y  H
I  X  O  W  T  V  I  N  E  O  C  F  N  T  R
R  H  Y  K  R  P  E  F  F  E  T  W  N  H  E
T  U  S  I  X  T  Y  N  Y  Y  T  X  E  G  E
Y  N  M  J  N  Y  E  T  T  T  E  R  V  I  Y
O  D  C  I  M  E  U  C  H  Y  N  T  I  E  S
N  R  N  E  T  V  B  B  C  A  S  E  U  H  H
E  E  B  F  T  I  O  E  B  H  G  E  W  C  T
V  D  I  J  Q  T  M  M  B  B  Q  O  V  T  A
L  F  O  R  T  Y  S  E  V  E  N  W  R  E  O
E  M  U  I  Z  E  P  A  R  T  S  X  U  A  N
W  N  I  G  H  T  I  N  G  A  L  E  Q  M  S
T  V  L  V  N  T  Z  E  G  H  I  E  I  Y  R
S  J  R  X  A  A  G  O  G  J  B  C  G  X  T
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Word search clues	Answer
How many days in 11 weeks?	
A dozen plus 3	
The sum of 4 and 8	
The tenth multiple of 6	
3 + 2 x 5 =	
Bulls-eye on a dart board	
Remainder when 32 is divided by 5	
Square number bigger than 20 and less than 30	
The missing angle in a triangle when the other angles are 45º and 55º	
Highest common factor of 12 and 20	
The train leaves Scunthorpe 10:15 a.m. and arrives at Cleethorpes 11:02 a.m. How many minutes is the journey?	
If a=5 and b=2 what is the value of ab	
10% of 310	
One third of 27	
A quadrilateral with only one pair of parallel sides	
The mathematical name for an angle that is less than 90 degrees	
Famous nurse and mathematician who carried out statistical analysis which saved many lives	
Mathematician born in Hull who invented a type of diagram to show sets of data	
Mathematician from the ancient world who is famous for his work on triangles	
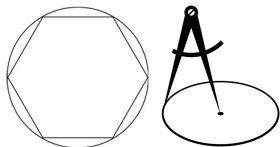
Construction challenge: Can you find a way to accurately draw a perfect regular hexagon inside a circle, using compasses and a ruler? Research different mathematical constructions and use these to create your own geometric patterns and designs

The word search covers many key skills which need regular practise, try these activities over the Summer holidays and hand your sheet to your Maths teacher or email it to s.nicholson@nelthorpe.org.uk.