| Maths Grid 5/6 | Write these numbers in expanded form: <br> - 52,456 <br> - 9,180 <br> - 600,900 <br> - 4,826 | Times table practice MULTIPLICATION CMART TO 12×12 䂰$\times$ 1 2 3 4 5 6 7 8 9 10 11 12 <br> 1 1 2 3 4 5 6 7 8 9 10 11 12 <br> 2 2 4 6 8 10 12 74 16 18 20 22 24 <br> 3 3 6 9 12 25 28 21 24 27 30 33 36 <br> 4 4 8 12 26 20 24 23 32 36 40 46 48 <br> 5 5 10 15 20 25 30 35 40 45 50 55 60 <br> 6 6 12 28 24 30 36 42 48 54 60 66 72 <br> 7 7 14 21 28 35 42 49 56 63 70 78 34 <br> 8 8 16 24 32 40 48 56 64 72 50 88 56 <br> 9 9 18 27 36 45 54 63 72 31 50 99 168 <br> 10 10 20 30 40 50 60 70 80 90 100 110 120 <br> 11 11 22 33 44 55 66 77 59 99 110 123 132 <br> 12 12 24 36 48 60 72 84 96 208 120 132 144 | $\star$ Start with the number 2. <br> $*$ Add the number of letters in the alphabet. <br> $\star$ Divide in half. <br> $\star$ Divide in half again. | Human hair grows at a rate of about 0.5 inch a month. About how many inches longer will your hair be in a year? | Factor Trees <br> Find the prime factors of the numbers below to continue the factor tree: |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  <br> Find the unknown angle measure. | Write the next 4 multiples of the following: $\begin{aligned} & \text { 4, 8, —'——'- } \\ & \text { 12, 18, —', } \\ & \text { 7, 14, }, \mathbf{\prime}, \mathbf{\prime} \end{aligned}$ | \&Start with the number 5 . <br> $\leftrightarrow$ Add the number of days in a week. <br> \&Double that number. <br> $\star$ Divide by 8 . | How long is your arm? First make an estimate and then measure. (You can measure formally with a ruler or informally with things around your house) | Right, Acute, or Obtuse? $\qquad$ <br> Circle the answer. Then find some other angles around your house and label them. | List all the prime and composite numbers from $0-100$ <br> How far can you go? |
| Marcy went to bed at 9:30pm. She slept for 9 hours and 45 minutes. What time did she wake up? | \&Start with the number 6 . <br> $\star$ Add a dozen. <br> $\leftrightarrow$ Divide by 9 . <br> $\$$ Triple that number. | a) $4+2 \times 3=$ <br> b) $6 \times 4-5=$ <br> c) $8+3 \times 4=$ <br> d) $12-5 \times 2=$ | Expand these square numbers: $4^{2}$ <br> $9^{2}$ <br> $11^{2}$ | The spinners below are spun at the same time. How many possible outcomes are there? | Calculate percentages <br> Find $10 \%$ of $20=$ <br> Find $20 \%$ of $10=$ <br> Find $25 \%$ of $4=$ |
| There are 16 students in the orchestra and twice that number in the band. There are 19 boys and 27 girls in the choir. How many students total are there in musical performing arts? |  Turn these numbers <br> back into fractions  <br> a) $0.1=$ h) $0.08=$ <br> b) $0.3=$ () $0.01=$ <br> c) $0.47=$ j) $0.192=$ <br> d) $0.18=$ k $0.073=$ <br> e) $0.25=$ (1) $0.842=$ <br> f) $0.38=$ m) $1.14=$ <br> g) $0.98=$ n) $2.48=$  | Find the unknown angle: | 1. Convert each time period. <br> a) 4 hours and 30 minutes $=$ $\square$ minutes <br> b) 7 hours and 21 minutes $=$ $\square$ <br> c) 6 hours and 57 minutes $=$ $\square$ minutes <br> d) 9 hours and 16 minutes $=$ $\square$ minutes | I'm thinking of a number. If I multiply by 7 and then add 11 , $I$ get 67 . What is my number? | A floor is covered by 100 tiles in a 10 by 10 arrangement. How many tiles are on the border? |
| Calculate the perimeter and area of your kitchen bench or bed. | $\star$ Start with the number 7. <br> - Multiply by 3 . <br> $\star$ Round to the nearest ten. <br> \& Divide by 5 . | Divide the following decimals <br> a) $5.4 \div 10=$ <br> b) $3.8 \div 10=$ <br> c) $4.4 \div 10=$ <br> d) $8.2 \div 100=$ <br> e) $2.7 \div 100=$ <br> f) $0.8 \div 100=$ | A box contains 3 bags of flour. The total mass of all 3 bags is 6 kg . What is the mass of each bag in grams? | Find the unknown angle measure: | Add the following fractions: <br> a) $\frac{3}{8}+\frac{1}{4}=$ <br> b) $\frac{2}{3}+\frac{1}{6}=$ <br> c) $\frac{3}{5}+\frac{2}{10}=$ <br> d) $\frac{3}{12}+\frac{3}{6}=$ <br> e) $\frac{5}{15}+\frac{1}{3}=$ <br> f) $\frac{1}{3}+\frac{3}{9}=$ |

