## Mental Math

## Activities 3

## Includes: <br> - Addition <br> - Subtraction <br> - Shapes <br> - Writing numbers <br> - Number before/after Adding 3 numbers



Challenge: Barry baked 12 cupcakes a day for 4 days. How many cupcakes did he bake in total?

## Differentiated Tasks



| Name: $\qquad$ <br> Dice Game <br> Each student has their own sheet. Roll the dice, answer the question and shade in the square. The person to the top first wins! |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $1(1)$ | (1) | $4$ | (1) | [1) | (1) |
| octagon | pentagon | square | decagon | triangle | circle |
| hexagon | rectangle | oval | heptagon | nonagon | octagon |
| pentagon | decagon | triangle | nonagon | hexagon | oval |
| circle | triangle | nonagon | decagon | octagon | square |
| $\bullet$ | $\bullet$ | $\stackrel{\bullet}{\bullet}$ | $\begin{array}{lll}\bullet & 0 \\ \bullet & 0\end{array}$ | $\because$ | -eッ |


|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| 15 | 20 | 18 | 12 |  |
| 14 | 17 | 19 | 11 |  |
| 13 | 17 | 13 | 18 |  |
| 15 | 10 | 14 | 15 |  |
| 20 | 16 | 12 | 13 |  |
| 20 | 18 | 10 | 17 |  |
|  |  |  |  |  |

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Name: $\qquad$

| Subtraction |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 65 | 60 | 50 | 30 | 0 |
| 80 |  |  |  |  |
| 75 | Preview |  |  |  |
| 100 |  |  |  |  |
| 95 |  |  |  |  |
| 90 |  |  |  |  |
| 105 |  |  |  |  |

Challenge: Simon had 97 apples and gave away 40. How many did he have left?

Name:

## Subtraction

100
155
95 165 115

85
75

Challenge: Ray had $\$ 140$, but Peter stole half of his money. How much did he have left?

Name:

## Subtraction



Challenge: Allan was 45 minutes late for work. If he was supposed to start at 8:30am. What time did he arrive at work?

Name:


Challenge:

Name: $\qquad$ N- Write The Number

Thirty nine
Number

| 44 |
| :--- |
| 62 |
| 629 |
| 89 | 63

94 18

Challenge: Archie and Bella saved their money together. They saved $\$ 250$. How much do they each get?

Name: $\qquad$

## Write The Number

Name: $\qquad$


Challenge: Patrick watched 3 movies. Each movie was 1 hour and 30 minutes long. How long was he watching movies for?

Name:

## Dice Game

Each student has their own sheet. Roll the dice, answer the question and shade in the square. The person to the top first wins!

| [1] | [1) | [1] | [1) | (1) | [1) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 9+9+9 | $5+5+5$ | Pres | 20+10+8 | $23+7+9$ | 7+7+6 |
| 4+3+3 | 8+2+10 | 21+9+10 | 6+6+6 | 3+8+9 | $5+11+10$ |
| 15+10+5 | 29+11+4 | 6+8+10 | 14+14+8 | 10+3+8 | 7+7+7 |
| 9+21+10 | 6+15+9 | 27+13+6 | $12+12+7$ | 7+11+3 | $12+5+5$ |
| $\bullet$ | $\bullet$ - | ${ }^{\bullet} \bullet$ | $\begin{array}{lll}\bullet & \bullet \\ \bullet & 0\end{array}$ | $\because 0 \cdot 0$ | -000 |

Name:

## Dice Game

Each student has their own sheet. Roll the dice, answer the question and shade in the square. The person to the top first wins!

| [1) | qip | $\mathrm{q} 1 \mathrm{p}$ | $0$ | $01 p$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1257 | 5472 | $\begin{aligned} & \hline 1899 \\ & \text { Prev } \end{aligned}$ | $\begin{aligned} & 9000 \\ & \text { fiew } \end{aligned}$ | $56^{2} 47$ | 3674 |
| 2597 | 1092 | 3654 | 0420 | 6500 | 7824 |
| 2150 | 3627 | 1900 | 7845 | 1579 | 6350 |
| 3000 | 4000 | 5000 | 6000 | 7000 | 8000 |
| $\bullet$ | $\bullet$ |  | $\because:$ | $\because 0$ | -000 |

Write/Say The Number Before

Name:

## Dice Game

Each student has their own sheet. Roll the dice, answer the question and shade in the square. The person to the top first wins!

| (1) | $0 \text { (1) }$ | [1) | $0$ | $0 \text { (1) }$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 4599 | 3600 | $\begin{aligned} & 8389 \\ & \text { Pre } \end{aligned}$ | $\begin{aligned} & 2942 \\ & \text { liew } \end{aligned}$ | 4700 | 1420 |
| 3695 | 7420 | 3500 | 2000 | 1402 | 6657 |
| 8563 | 5800 | 2501 | 4257 | 3300 | 6570 |
| 5799 | 5699 | 2499 | 1799 | 3699 | 2599 |
| $\bullet$ | $\bullet$ |  | : | $\because 0 \%$ | 0 |

Write/Say The Number After

Name: $\qquad$

## Dice Game

Each student has their own sheet. Roll the dice, answer the question and shade in the square. The person to the top first wins!

|  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| octagon | pentagon | square | decagon <br> Iew | triangle | circle |
| hexagon | rectangle | oval | heptagon | nonagon | octagon |
| pentagon | decagon | triangle | nonagon | hexagon | oval |
| circle | triangle | nonagon | decagon | octagon | square |
| $\bullet$ |  |  | - 0 <br> $\bullet$ 0 |  | 000 |

## How Many Sides?

Name: $\qquad$
Mental Math Wheel


Name: $\qquad$
Mental Math Wheel


Name:
Mental Math Wheel


Name: $\qquad$ Mental Math Squares
Add numbers across and down to fill the
empty boxes. The first one is done.



| 2 |  |  |
| :--- | :--- | :--- |
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Name: $\qquad$
Mental Math Squares
Add numbers across and down to fill the empty boxes.

| 15 | 20 |  | 18 | 12 |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 14 | 17 |  | 19 | 11 |  |
|  |  | Preview |  |  |  |
| 13 | 17 |  | 13 | 18 |  |
| 15 | 10 |  | 14 | 15 |  |
|  |  |  |  |  |  |


| 20 | 16 |  |
| :--- | :--- | :--- |
| 20 | 18 |  |
|  |  |  |


| 12 | 13 |  |
| :--- | :--- | :--- |
| 10 | 17 |  |
|  |  |  |

Name: $\qquad$ Mental Math Squares Add numbers across and down to fill the empty boxes.

| 32 | 18 |  | 35 | 15 |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 12 | 22 |  | 15 | 20 |  |
|  |  |  | Preview |  |  |
| 27 | 15 |  | 29 | 21 |  |
| 14 | 23 |  | 26 | 25 |  |
|  |  |  |  |  |  |


| 30 | 40 |  |
| :--- | :--- | :--- |
| 50 | 60 |  |
|  |  |  |


| 28 | 18 |  |
| :--- | :--- | :--- |
| 22 | 12 |  |
|  |  |  |

Name:
Mental Math Squares
Add numbers across and down to fill the empty boxes.

|  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  | Preview |  |  |  |


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