



EXTENDED MATHEMATICS  
**STUDENT MATERIALS**

**MARCH 17 - APRIL 18, 2003**

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## TASK 1 : Assisted Copying Numbers

6	_____	9	_____
	-----		-----
	_____		_____
2	_____	30	_____
	-----		-----
	_____		_____
4	_____	81	_____
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	_____		_____
573	_____	5	_____
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	_____		_____

## TASK 1 : Unassisted Copying Numbers

6	_____	9	_____
2	_____	30	_____
4	_____	81	_____
573	_____	5	_____

## EXTENDED MATHEMATICS

### TASK 2 : Naming/Pointing/Ordering Numbers

4

8

6

2

1

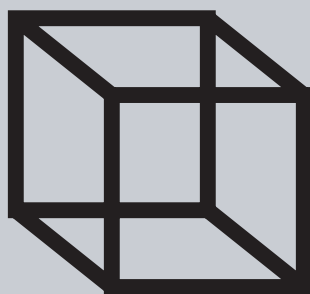
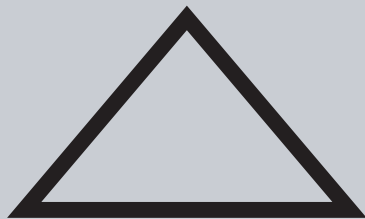
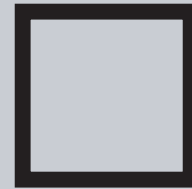
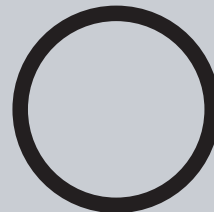
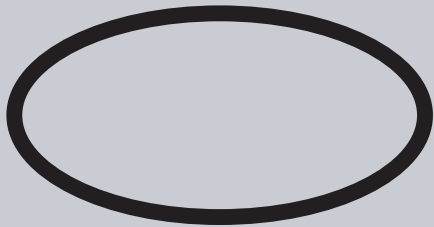
5

3

7

9

**TASK 3 : Naming/Pointing to Shapes**



### TASK 4 : Assisted Writing Numerals

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### TASK 4 : Unassisted Writing Numerals

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## EXTENDED MATHEMATICS

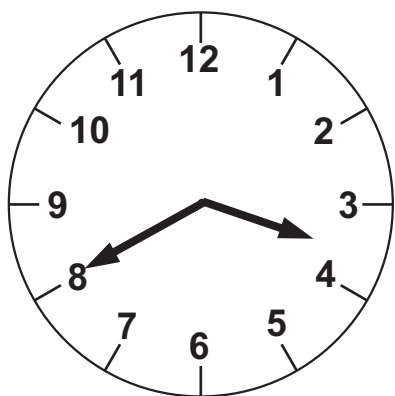
### TASK 6A : Naming/Pointing Money



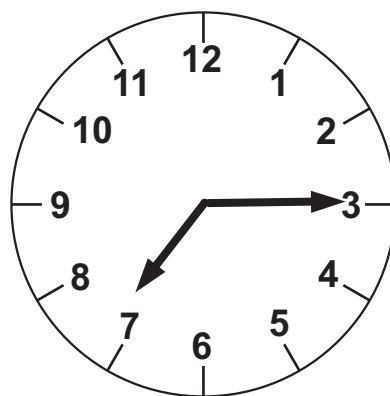
### TASK 6B : Counting Money



**TASK 7 : Telling Time**



**What Time ?**



**What Time ?**

**6:11**

**What Time ?**

**8:30**

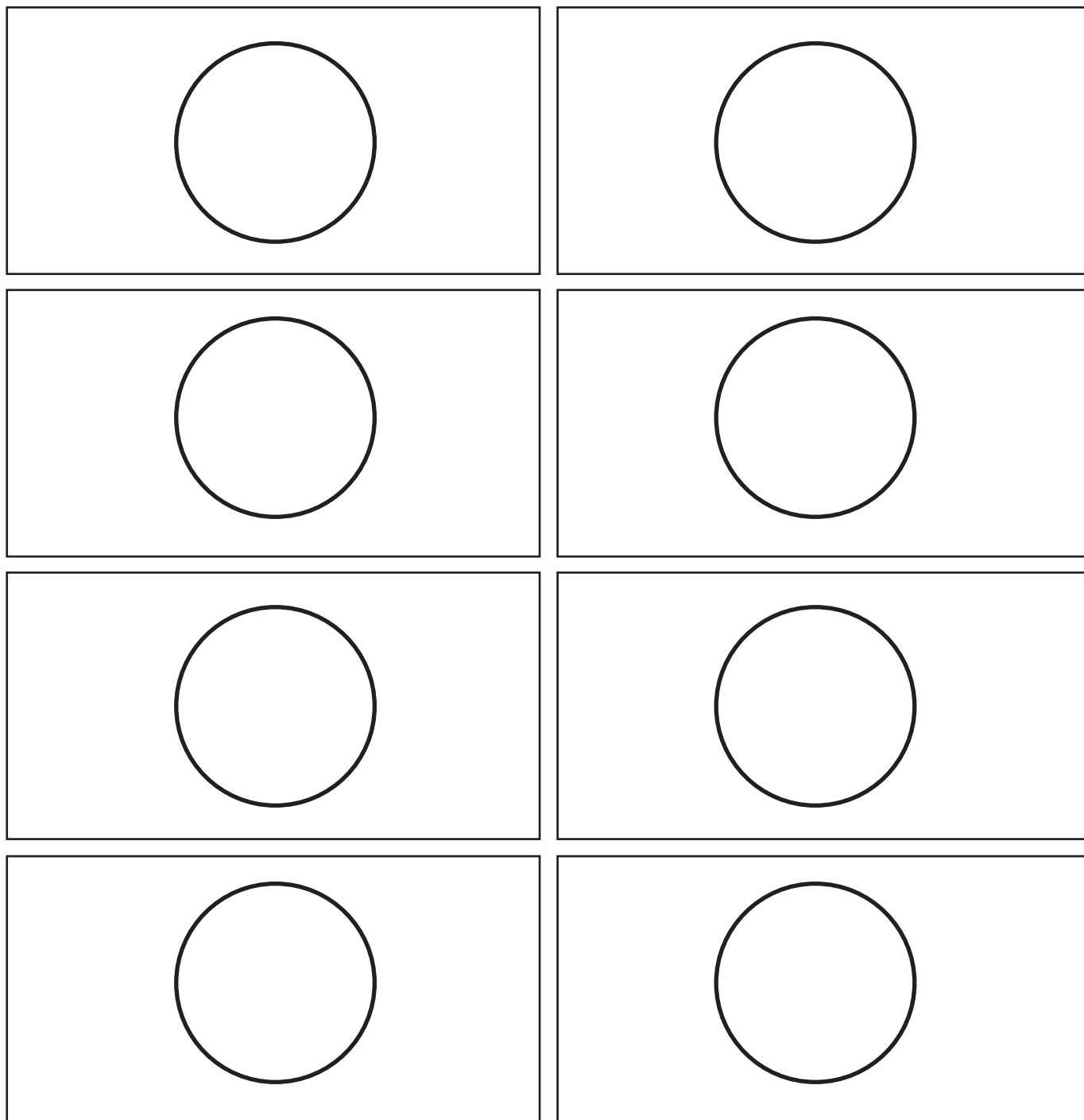
**What Time ?**

## EXTENDED MATHEMATICS

### TASK 8 : Manipulating Mathematics Concepts

Print this on blue paper and cut out chips for use in Extended Mathematics Task 8: Manipulating Mathematics Concepts. You may substitute other manipulatives for this task, but please be sure that they differ on only 1 dimension (color differs OR shape differs) as opposed to more than 1 (color differs and shape differs).

#### Blue Page of Chips

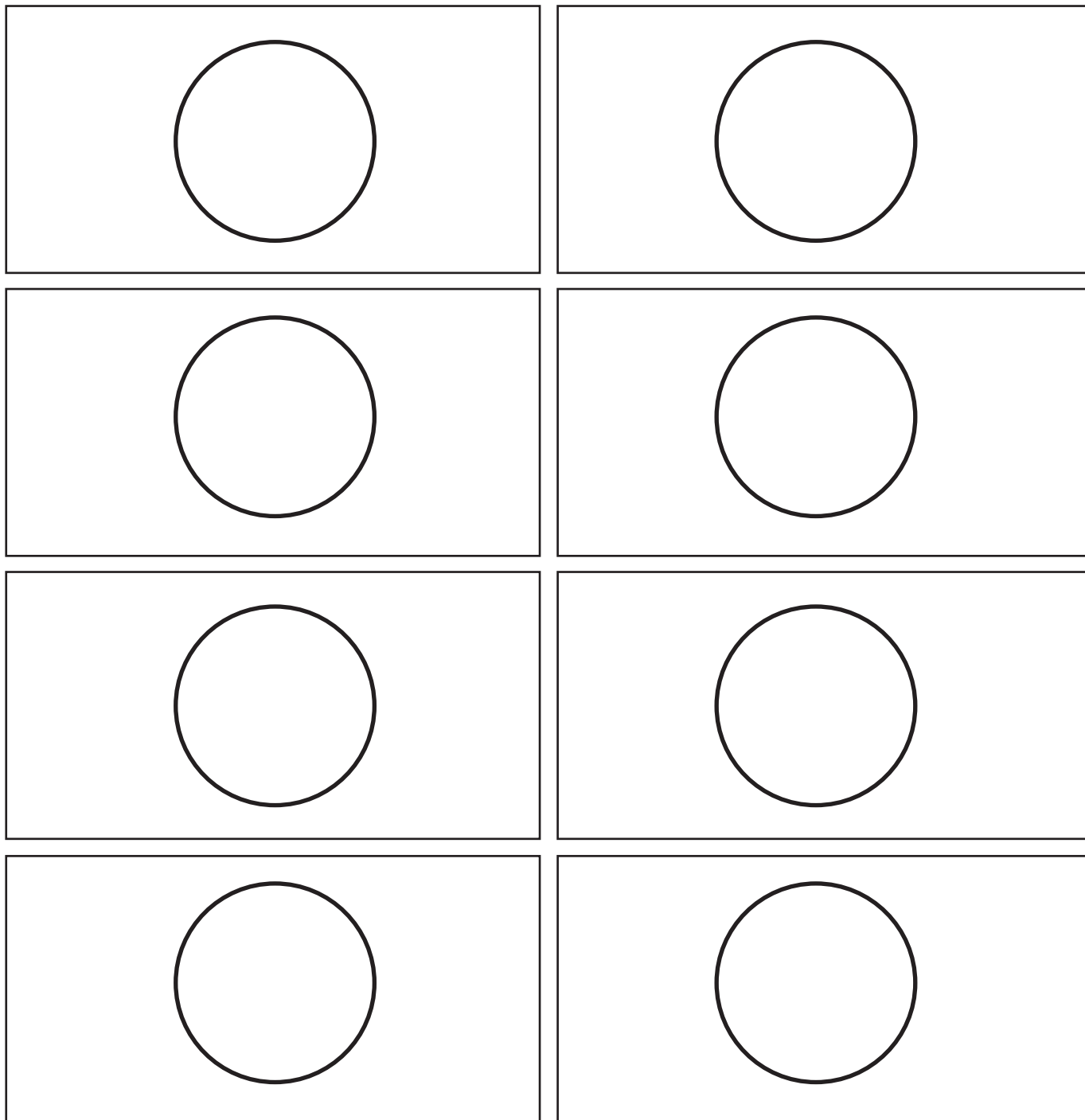


## EXTENDED MATHEMATICS

### TASK 8 : Manipulating Mathematics Concepts

Print this on red paper and cut out chips for use in Extended Mathematics Task 8: Manipulating Mathematics Concepts. You may substitute other manipulatives for this task, but please be sure that they differ on only 1 dimension (color differs OR shape differs) as opposed to more than 1 (color differs and shape differs).

#### Red Page of Chips

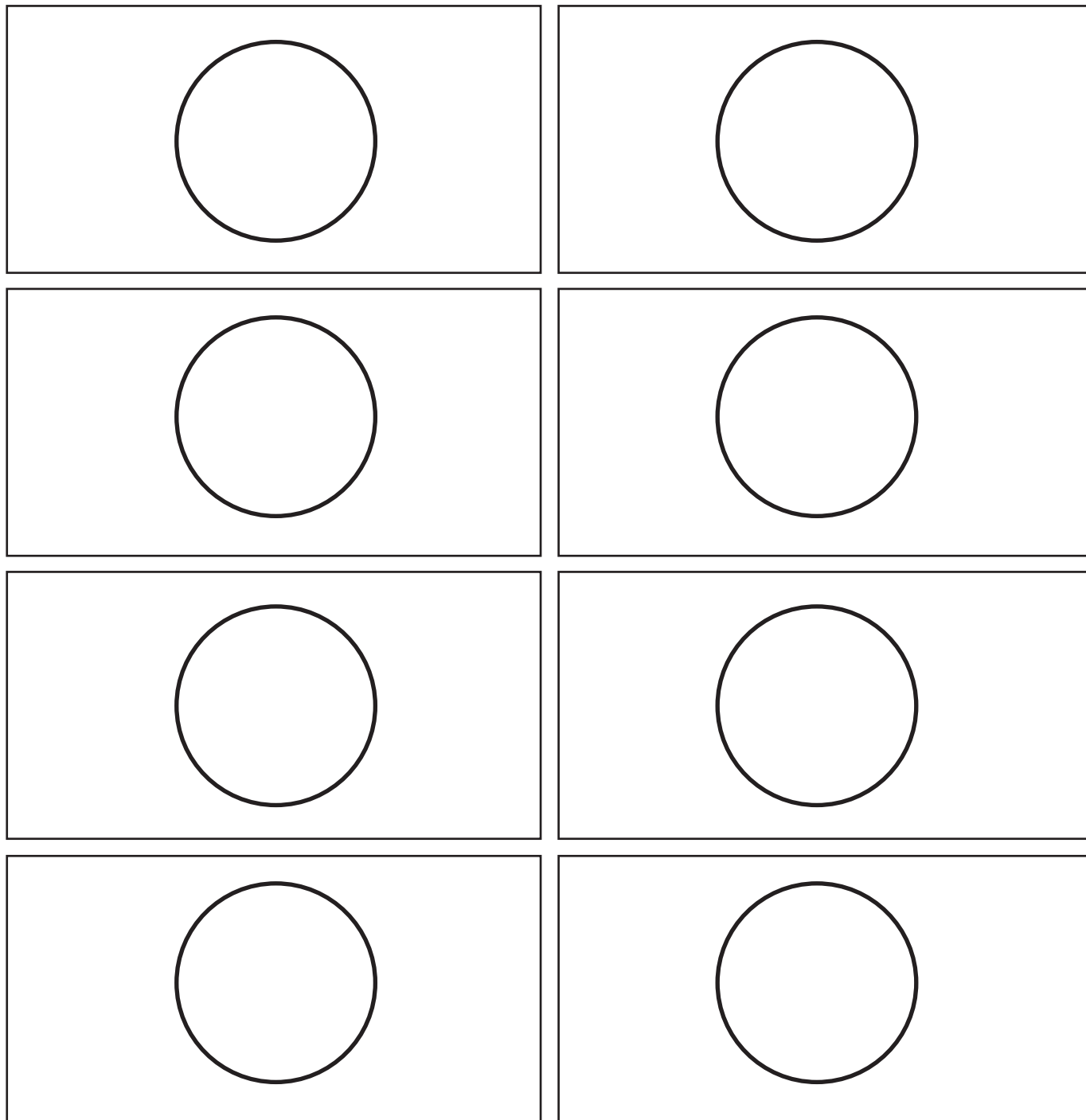


## EXTENDED MATHEMATICS

### TASK 8 : Manipulating Mathematics Concepts

Print this on white paper and cut out chips for use in Extended Mathematics Task 8: Manipulating Mathematics Concepts. You may substitute other manipulatives for this task, but please be sure that they differ on only 1 dimension (color differs OR shape differs) as opposed to more than 1 (color differs and shape differs).

#### White Page of Chips



**TASK 8 : Manipulating Mathematics Concepts**

260

852

## EXTENDED MATHEMATICS

### TASK 9A : Timed Computation - Addition Facts

$$\begin{array}{r} 4 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$$



## EXTENDED MATHEMATICS

### TASK 9B : Timed Computation - Subtraction Facts

$$\begin{array}{r} 5 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$$

## EXTENDED MATHEMATICS

### TASK 9C : Timed Computation - Multiplication Facts

$$\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 7 \\ \hline \end{array}$$

## EXTENDED MATHEMATICS

### TASK 10A & 10B : Mixed Computation

Kim collected 4 apples. Her brother gave her 1 more. How many apples does Kim have in all? \_\_\_\_

Joe had 7 pieces of gum. He gave 2 pieces away. How many peices of gum does Joe have left? \_\_\_\_

$$2 + \underline{\quad} = 7$$

$$8 - 0 = \underline{\quad}$$

$$\underline{\quad} + 8 = 10$$

$$7 - \underline{\quad} = 3$$

$$\begin{array}{r} 8 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 49 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ - 67 \\ \hline \end{array}$$

$$\begin{array}{r} 273 \\ + 451 \\ \hline \end{array}$$

$$\begin{array}{r} 738 \\ - 729 \\ \hline \end{array}$$

## EXTENDED MATHEMATICS

### TASK 10C & 10D : Mixed Computation

$$4 \times \underline{\quad} = 12$$

$$18 \div \underline{\quad} = 3$$

$$5 \times \underline{\quad} = 5$$

$$\underline{\quad} \div 4 = 2$$

$$\begin{array}{r} 12 \\ \times 5 \\ \hline \end{array}$$

$$6 \overline{)24}$$

$$\begin{array}{r} 31 \\ \times 7 \\ \hline \end{array}$$

$$2 \overline{)14}$$

$$\begin{array}{r} 512 \\ \times 8 \\ \hline \end{array}$$

$$7 \overline{)35}$$

$$\begin{array}{r} 26 \\ \times 47 \\ \hline \end{array}$$

$$9 \overline{)90}$$