**Numeracy Year 9 – Week 5: Number**

**STUDENT WORKSHEET**

## Focus of the week

Applying the properties of the four operations for evaluating expressions

### Question 1

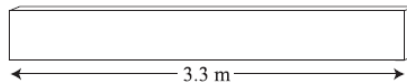Use brackets to make this number sentence true.

$$5 \times 4 + 8 - 6 = 54$$

Draw carefully.

### Question 2

You buy a 3.3 metre length of timber.
The timber costs $7.00 per metre.
You pay with a $50 note.

3.3 m

**Timber $7.00 per metre**

How much **change** should you get?

Write the answer on the line.

$ _____

Four pieces are cut from the 3.3 metre length of timber.
Each piece is 0.7 metres long.

Which of the following would you use to calculate the approximate amount of timber left over?

- $3.3 - 4 - 0.7$
- $3.3 - (4 \times 0.7)$
- $3.3 \div 4 - 0.7$
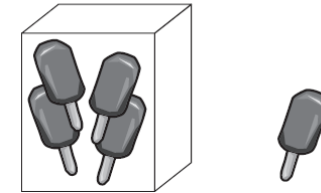- $(3.3 - 0.7) \div 4$

Shade one bubble.

### Question 3

A box of four ice-creams costs less than four single ice-creams.

Which calculation shows how much less **per box**?

**Choc Mint Ice-creams**

- $\$3.80 - \$13.80 \div 4$
- $\$13.80 \div 4 - \$3.80$
- $\$3.80 \times 4 - \$13.80$
- $\$13.80 - \$3.80 \times 4$
- $\$13.80 - \$3.80 \div 4$

Box of 4
$13.80

$3.80 for one

### Challenge Question

A car travels 5 kilometres every 4 minutes. Which of the following calculations gives the time minutes for the car to travel 47.5 kilometres?

- $47.5 \div (5 \times 4)$
- $47.5 \div (4 \div 5)$
- $47.5 \times (4 \div 5)$
- $47.5 \times (5 \div 4)$

Shade one bubble.