

Work for Monday 7 th November

1. Ludi practice
2. Maths buddy solve first two Numeracy certification stage 1.2 and 1.3

[Numeracy Certificate: Stage 1:2 \(Place Value\)](#), [Numeracy Certificate: Stage 1:3 \(x & ÷ by 10, 100 & 1000\)](#),

3. Solve the work given scroll down

Solve the following

Look at the examples and instructions given below

Order of operation

Order of operations rules

First evaluate inside the brackets.
 Then multiply (\times) and/or divide (\div) in order from left to right.
 Finally add ($+$) and/or subtract ($-$) in order from left to right.

Q. $12 + 4 \times (3 + 9) =$

A. $12 + 4 \times (3 + 9) =$ — *simplify inside the brackets*
 $= 12 + 4 \times 12$ — *then multiply*
 $= 12 + 48$
 $= 60$

a) $4 \times (3 + 7) =$ — *brackets first*
 $= 4 \times 10 =$

b) $3 \times (5 - 2) =$
 $=$ $=$

c) $8 \div (1 + 3) =$
 $=$ $=$

d) $18 \div (6 - 3) =$
 $=$ $=$

e) $(23 - 3) \div 5 =$
 $=$ $=$

f) $(42 - 6) \div 9 =$
 $=$ $=$

g) $(12 - 7) \times 4 =$
 $=$ $=$

h) $6 \times (8 - 3) =$
 $=$ $=$

i) $5 \times (3 + 8) =$
 $=$ $=$

j) $14 \div (2 + 5) =$
 $=$ $=$

k) $28 \div (7 - 3) =$
 $=$ $=$

l) $9 \times (5 + 7) =$
 $=$ $=$

m) $9 \div (1 + 2) \times 4 =$
 $=$
 $=$ $=$

n) $7 \times 8 - (8 - 2) =$
 $=$
 $=$ $=$

o) $12 - 8 \div (2 + 2) =$
 $=$
 $=$ $=$

p) $7 + 32 \div (8 - 4) =$
 $=$
 $=$ $=$

q) $5 + 4 \times (6 + 2) =$
 $=$
 $=$ $=$

r) $6 + (11 - 4) \times 3 =$
 $=$
 $=$ $=$

s) $11 - (19 - 3 \times 5) =$
 $=$
 $=$ $=$

t) $(6 - 3) \times (9 - 4) =$
 $=$
 $=$ $=$

u) $(7 + 2 \times 8) - 15 =$
 $=$
 $=$ $=$

Add Mixed numerals see the example

Skill 9.3 Adding mixed numbers with the same denominator (1).

MM4.2 1 1 2 2 3 4 4
MM5.1 1 2 2 3 4 4

- Add the whole numbers first.
- Add the fractions. (see skill 9.1, page 41)
- Simplify the resulting fraction and/or change it to a mixed number if necessary. (see skill 9.1, page 41)
- Write the result as a mixed number.

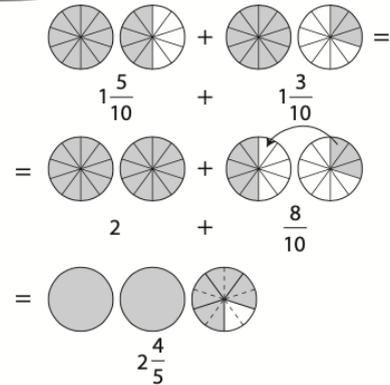
Q. $1\frac{5}{10} + 1\frac{3}{10} =$

A. $1 + 1 + \frac{5}{10} + \frac{3}{10}$ *Add the numerators (top numbers) only*

$= 2 + \frac{8}{10}$ *Simplify*

$= 2 + \frac{4}{5}$

$= 2\frac{4}{5}$



a) $2\frac{2}{5} + 1\frac{2}{5} =$

$= 3 + \frac{4}{5} = \boxed{}$

b) $1\frac{1}{7} + 3\frac{5}{7} =$

$= = \boxed{}$

c) $3\frac{1}{9} + \frac{4}{9} =$

$= = \boxed{}$

d) $3\frac{5}{11} + \frac{4}{11} =$

$= = \boxed{}$

e) $1\frac{2}{9} + 2\frac{5}{9} =$

$= = \boxed{}$

f) $2\frac{3}{7} + \frac{3}{7} =$

$= = \boxed{}$

g) $4\frac{1}{8} + \frac{3}{8} =$

$= 4 + \frac{4}{8}$ *Simplify*

$= 4 + \frac{1}{2} = \boxed{4\frac{1}{2}}$

h) $2\frac{3}{10} + \frac{3}{10} =$

$= = \boxed{}$

i) $1\frac{2}{9} + 2\frac{1}{9} =$

$= = \boxed{}$

j) $1\frac{1}{12} + 2\frac{7}{12} =$

$= = \boxed{}$

k) $2\frac{1}{10} + \frac{4}{10} =$

$= = \boxed{}$

l) $2\frac{1}{15} + 3\frac{4}{15} =$

$= = \boxed{}$

Multiply Decimals

8. [Decimal \times, \div]

Skill 8.1 Multiplying a decimal number by a single digit number (1).

MM4.2 1 2 3 4 4
MM5.1 1 2 2 3 3 4 4

- Multiply from right to left, disregarding the decimal point.
- Count the number of places to the right of the decimal point in the question.
- Position the decimal point the same number of places from the right in the answer.

Q. $0.62 \times 4 =$

A. $0.62 \times 4 = 2.48$

$4 \times 2 = 8$

write 8

$4 \times 6 = 24$

carry 2, write 4

$4 \times 0 + \text{carry } 2 = 2$

write 2

$$\begin{array}{r} 0.62 \\ \times 4 \\ \hline 2.48 \end{array}$$

2 decimal places in question so
move decimal point 2 places from right in the answer

a) $0.9 \times 3 =$

2.7

$$\begin{array}{r} 0.9 \\ \times 3 \\ \hline 2.7 \end{array}$$

b) $0.8 \times 2 =$

$$\begin{array}{r} 0.8 \\ \times 2 \\ \hline \end{array}$$

c) $0.7 \times 5 =$

$$\begin{array}{r} 0.7 \\ \times 5 \\ \hline \end{array}$$

d) $0.4 \times 6 =$

$$\begin{array}{r} 0.4 \\ \times 6 \\ \hline \end{array}$$

e) $0.3 \times 7 =$

$$\begin{array}{r} 0.3 \\ \times 7 \\ \hline \end{array}$$

f) $0.6 \times 9 =$

$$\begin{array}{r} 0.6 \\ \times 9 \\ \hline \end{array}$$

g) $5.1 \times 3 =$

$$\begin{array}{r} 5.1 \\ \times 3 \\ \hline \end{array}$$

h) $4.3 \times 6 =$

$$\begin{array}{r} 4.3 \\ \times 6 \\ \hline \end{array}$$

i) $2.7 \times 4 =$

$$\begin{array}{r} 2.7 \\ \times 4 \\ \hline \end{array}$$

j) $3.8 \times 2 =$

$$\begin{array}{r} 3.8 \\ \times 2 \\ \hline \end{array}$$

k) $1.9 \times 5 =$

$$\begin{array}{r} 1.9 \\ \times 5 \\ \hline \end{array}$$

l) $7.3 \times 8 =$

$$\begin{array}{r} 7.3 \\ \times 8 \\ \hline \end{array}$$