



STRUBENVALE PRIMARY SCHOOL

MATHEMATICS

GRADE 5 – TERM 2 / 2020

INSTRUCTIONS:

- USE YOUR TERM 2 MATHS WORK BOOK.
- WORK NEATLY.
- USE A PENCIL

WEEK 1 DAY 1 UNIT 1

ACTIVITY 2 ROUNDING OFF

1.

CORRECTIONS

WEEK 3

Multiplication and division

DAY 1

Activity 1

Multiplication

1. 83×15

$$\begin{array}{r}
 83 \\
 \times 15 \\
 \hline
 15 \quad (5 \times 3) \\
 400 \quad (5 \times 80) \\
 30 \quad (10 \times 3) \\
 + 800 \quad (10 \times 80) \\
 \hline
 1245
 \end{array}$$

2. 43×12

$$\begin{array}{r}
 43 \\
 \times 12 \\
 \hline
 6 \quad (2 \times 3) \\
 80 \quad (2 \times 40) \\
 30 \quad (10 \times 3) \\
 + 400 \quad (10 \times 40) \\
 \hline
 516
 \end{array}$$

3. 35×16

$$\begin{array}{r}
 35 \\
 \times 16 \\
 \hline
 30 \quad (6 \times 5) \\
 180 \quad (6 \times 30) \\
 50 \quad (10 \times 5) \\
 + 300 \quad (10 \times 30) \\
 \hline
 560
 \end{array}$$

4. 75×18

$$\begin{array}{r}
 75 \\
 \times 18 \\
 \hline
 40 \text{ (} 8 \times 5 \text{)} \\
 560 \text{ (} 8 \times 70 \text{)} \\
 50 \text{ (} 10 \times 5 \text{)} \\
 + 700 \text{ (} 10 \times 70 \text{)} \\
 \hline
 1350
 \end{array}$$

5. 85×15

$$\begin{array}{r}
 85 \\
 \times 15 \\
 \hline
 25 \text{ (} 5 \times 5 \text{)} \\
 400 \text{ (} 5 \times 80 \text{)} \\
 50 \text{ (} 10 \times 5 \text{)} \\
 + 800 \text{ (} 10 \times 80 \text{)} \\
 \hline
 1275
 \end{array}$$

6. 48×14

$$\begin{array}{r}
 48 \\
 \times 14 \\
 \hline
 32 \text{ (} 4 \times 8 \text{)} \\
 160 \text{ (} 4 \times 40 \text{)} \\
 80 \text{ (} 10 \times 8 \text{)} \\
 + 400 \text{ (} 10 \times 40 \text{)} \\
 \hline
 672
 \end{array}$$

7. 56×17

$$\begin{array}{r}
 56 \\
 \times 17 \\
 \hline
 42 \quad (7 \times 6) \\
 350 \quad (7 \times 50) \\
 60 \quad (10 \times 6) \\
 + 500 \quad (10 \times 50) \\
 \hline
 952
 \end{array}$$

8. 59×13

$$\begin{array}{r}
 59 \\
 \times 13 \\
 \hline
 27 \quad (3 \times 9) \\
 150 \quad (3 \times 50) \\
 90 \quad (10 \times 9) \\
 + 500 \quad (10 \times 50) \\
 \hline
 767
 \end{array}$$

9. 66×16

$$\begin{array}{r}
 66 \\
 \times 16 \\
 \hline
 36 \quad (6 \times 6) \\
 360 \quad (6 \times 60) \\
 60 \quad (10 \times 6) \\
 + 600 \quad (10 \times 60) \\
 \hline
 1056
 \end{array}$$

$$10. 91 \times 12$$

$$\begin{array}{r}
 91 \\
 \times 12 \\
 \hline
 182 \quad (2 \times 1) \\
 180 \quad (2 \times 90) \\
 10 \quad (10 \times 1) \\
 + 900 \quad (10 \times 90) \\
 \hline
 1092
 \end{array}$$

DAY 2

Activity 2

Multiplication.

$$1. 128 \times 14$$

$$\begin{array}{r}
 128 \\
 \times 14 \\
 \hline
 512 \quad (4 \times 8) \\
 800 \quad (4 \times 20) \\
 400 \quad (4 \times 100) \\
 80 \quad (10 \times 8) \\
 200 \quad (10 \times 20) \\
 + 1000 \quad (10 \times 100) \\
 \hline
 1792
 \end{array}$$

$$2. 405 \times 16$$

$$\begin{array}{r}
 405 \\
 \times 16 \\
 \hline
 2430 \quad (6 \times 5) \\
 0 \quad (6 \times 0) \\
 2400 \quad (6 \times 400) \\
 50 \quad (10 \times 5) \\
 0 \quad (10 \times 0) \\
 + 4000 \quad (10 \times 400) \\
 \hline
 6480
 \end{array}$$

3. 245×18

$$\begin{array}{r}
 245 \\
 \times 18 \\
 \hline
 40 \text{ (} 8 \times 5 \text{)} \\
 320 \text{ (} 8 \times 40 \text{)} \\
 1600 \text{ (} 8 \times 200 \text{)} \\
 50 \text{ (} 10 \times 5 \text{)} \\
 400 \text{ (} 10 \times 40 \text{)} \\
 +2000 \text{ (} 10 \times 200 \text{)} \\
 \hline
 4410
 \end{array}$$

4. 356×24

$$\begin{array}{r}
 356 \\
 \times 24 \\
 \hline
 24 \text{ (} 4 \times 6 \text{)} \\
 200 \text{ (} 4 \times 50 \text{)} \\
 1200 \text{ (} 4 \times 300 \text{)} \\
 120 \text{ (} 20 \times 6 \text{)} \\
 1000 \text{ (} 20 \times 50 \text{)} \\
 +6000 \text{ (} 20 \times 300 \text{)} \\
 \hline
 8544
 \end{array}$$

5. 513×33

$$\begin{array}{r}
 513 \\
 \times 33 \\
 \hline
 9 \text{ (} 3 \times 3 \text{)} \\
 30 \text{ (} 3 \times 10 \text{)} \\
 1500 \text{ (} 3 \times 500 \text{)} \\
 90 \text{ (} 30 \times 3 \text{)} \\
 300 \text{ (} 30 \times 10 \text{)} \\
 +15000 \text{ (} 30 \times 500 \text{)} \\
 \hline
 \end{array}$$

$$= \underline{16929}$$

6. 691×15

$$\begin{array}{r}
 619 \\
 \times 15 \\
 \hline
 45 \text{ (} 5 \times 9 \text{)} \\
 50 \text{ (} 5 \times 10 \text{)} \\
 3000 \text{ (} 5 \times 600 \text{)} \\
 90 \text{ (} 10 \times 9 \text{)} \\
 100 \text{ (} 10 \times 10 \text{)} \\
 + 6000 \text{ (} 10 \times 600 \text{)} \\
 \hline
 10365
 \end{array}$$

7. 714×23

$$\begin{array}{r}
 714 \\
 \times 23 \\
 \hline
 12 \text{ (} 3 \times 4 \text{)} \\
 30 \text{ (} 3 \times 10 \text{)} \\
 2100 \text{ (} 3 \times 700 \text{)} \\
 80 \text{ (} 20 \times 4 \text{)} \\
 200 \text{ (} 20 \times 10 \text{)} \\
 14000 \text{ (} 20 \times 700 \text{)} \\
 \hline
 16422
 \end{array}$$

8. 801×36

$$\begin{array}{r}
 801 \\
 \times 36 \\
 \hline
 6 \text{ (} 6 \times 1 \text{)} \\
 0 \text{ (} 6 \times 0 \text{)} \\
 4800 \text{ (} 6 \times 800 \text{)} \\
 30 \text{ (} 30 \times 1 \text{)} \\
 0 \text{ (} 30 \times 0 \text{)} \\
 + 24000 \text{ (} 30 \times 800 \text{)} \\
 \hline
 28836
 \end{array}$$

$$9. \quad 225 \times 34$$

$$\begin{array}{r}
 225 \\
 \times 34 \\
 \hline
 20 \quad (4 \times 5) \\
 80 \quad (4 \times 20) \\
 800 \quad (4 \times 200) \\
 150 \quad (30 \times 5) \\
 600 \quad (30 \times 20) \\
 + 6000 \quad (30 \times 200) \\
 \hline
 7650
 \end{array}$$

$$10. \quad 907 \times 19$$

$$\begin{array}{r}
 907 \\
 \times 19 \\
 \hline
 63 \quad (9 \times 7) \\
 0 \quad (9 \times 0) \\
 8100 \quad (9 \times 900) \\
 70 \quad (10 \times 7) \\
 0 \quad (10 \times 0) \\
 + 9000 \quad (10 \times 900) \\
 \hline
 17233
 \end{array}$$

DAY 3

Activity 3

Division

1. $858 \div 9$

$$\begin{array}{r}
 .95 \\
 \hline
 9 \overline{) 858} \\
 \underline{- 81} \downarrow \\
 48 \\
 \underline{- 45} \\
 3
 \end{array}$$

$= 95 \text{ rem } 3$

2. $402 \div 6$

$$\begin{array}{r}
 .67 \\
 \hline
 6 \overline{) 402} \\
 \underline{- 36} \downarrow \\
 042 \\
 \underline{- 42} \\
 0
 \end{array}$$

$= 67$

3. $756 \div 9$

$$\begin{array}{r}
 .84 \\
 \hline
 9 \overline{) 756} \\
 \underline{- 72} \downarrow \\
 36 \\
 \underline{- 36} \\
 0
 \end{array}$$

$= 84$

4. $530 \div 7$

$$\begin{array}{r}
 .75 \\
 \hline
 7 \overline{) 530} \\
 \underline{- 49} \downarrow \\
 40 \\
 \underline{- 35} \\
 5
 \end{array}$$

$= 75 \text{ rem } 5$

5. $899 \div 9$

$$\begin{array}{r}
 .99 \\
 9 \overline{) 899} \\
 \underline{- 81} \downarrow \\
 89 \\
 \underline{- 81} \\
 8
 \end{array}$$

= 99 rem 8

6. $591 \div 6$

$$\begin{array}{r}
 .98 \\
 6 \overline{) 591} \\
 \underline{- 54} \downarrow \\
 51 \\
 \underline{- 48} \\
 3
 \end{array}$$

= 98 rem 3

7. $144 \div 12$

$$\begin{array}{r}
 .12 \\
 12 \overline{) 144} \\
 \underline{- 12} \downarrow \\
 024 \\
 \underline{- 24} \\
 0
 \end{array}$$

= 12

8. $810 \div 18$

$$\begin{array}{r}
 .45 \\
 18 \overline{) 810} \\
 \underline{- 72} \downarrow \\
 90 \\
 \underline{- 90} \\
 0
 \end{array}$$

= 45

9. $350 \div 14$

$$\begin{array}{r}
 \cdot 25 \\
 14 \overline{) 350} \\
 \underline{- 28} \downarrow \\
 070 \\
 \underline{- 70} \\
 0
 \end{array}$$

$= 25$

10. $475 \div 15$

$$\begin{array}{r}
 \cdot 31 \\
 15 \overline{) 475} \\
 \underline{- 45} \downarrow \\
 025 \\
 \underline{- 15} \\
 10
 \end{array}$$

$= 31 \text{ rem } 10$

DAY 4Activity 4

Multiplication and Division

1. $168 \div 8$

$$\begin{array}{r}
 \cdot 21 \\
 8 \overline{) 168} \\
 \underline{- 16} \downarrow \\
 08 \\
 \underline{- 8} \\
 0
 \end{array}$$

Check $21 \times 8 = 168$

2. $475 \div 5$

$$\begin{array}{r}
 \cdot 95 \\
 5 \overline{) 475} \\
 \underline{- 45} \downarrow \\
 25 \\
 \underline{- 25} \\
 0
 \end{array}$$

$$\begin{array}{r}
 025 \\
 \underline{- 25} \\
 0
 \end{array}$$

Check $95 \times 5 = 475$

3. $384 \div 4$

$$\begin{array}{r}
 .96 \\
 4 \overline{) 384} \\
 \underline{- 36} \downarrow \\
 24 \\
 \underline{- 24} \\
 0
 \end{array}$$

Check $96 \times 4 = 384$

4. $679 \div 7$

$$\begin{array}{r}
 .97 \\
 7 \overline{) 679} \\
 \underline{- 63} \downarrow \\
 049 \\
 \underline{- 49} \\
 0
 \end{array}$$

Check $97 \times 7 = 679$

5. $855 \div 9$

$$\begin{array}{r}
 .95 \\
 9 \overline{) 855} \\
 \underline{- 81} \downarrow \\
 045 \\
 \underline{- 45} \\
 0
 \end{array}$$

Check $95 \times 9 = 855$

6. $707 \div 8$

$$\begin{array}{r}
 .88 \\
 8 \overline{) 707} \\
 \underline{- 64} \downarrow \\
 67 \\
 \underline{- 64} \\
 3
 \end{array}$$

Check $88 \times 8 = 704 + 3 = 707$

7. $975 \div 6$

$$\begin{array}{r}
 162 \\
 6 \overline{) 975} \\
 \underline{-6} \downarrow \\
 37 \\
 \underline{-36} \downarrow \\
 15 \\
 \underline{-12} \\
 3
 \end{array}$$

Check $162 \times 6 = 972 + 3$
 $= 975$

8. $620 \div 7$

$$\begin{array}{r}
 88 \\
 7 \overline{) 620} \\
 \underline{-56} \downarrow \\
 60 \\
 \underline{-56} \\
 4
 \end{array}$$

Check $88 \times 7 = 616 + 4$
 $= 620$

9. $591 \div 11$

$$\begin{array}{r}
 53 \\
 11 \overline{) 591} \\
 \underline{-55} \downarrow \\
 41 \\
 \underline{-33} \\
 8
 \end{array}$$

Check $53 \times 11 = 583 + 8$
 $= 591$

10. $268 \div 12$

$$\begin{array}{r}
 22 \\
 12 \overline{) 268} \\
 \underline{-24} \downarrow \\
 028 \\
 \underline{-24} \\
 4
 \end{array}$$

Check $22 \times 12 = 264 + 4$
 $= 268$

DAYSActivity 5

1. a. 8 - 1, 2, 4, 8
 b. 9 - 1, 3, 9
 c. 11 - 1, 11
 d. 12 - 1, 2, 3, 4, 6, 12
 e. 14 - 1, 2, 7, 14
 f. 16 - 1, 2, 4, 8, 16
 g. 18 - 1, 2, 3, 6, 9, 18
 h. 24 - 1, 2, 3, 4, 6, 8, 12, 24
 i. 25 - 1, 5, 25
 j. 35 - 1, 5, 7, 35
2. a. 8 - 8, 16, 24, 32, 40, 48, 56, 64, 72, 80
 b. 3 - 3, 6, 9, 12, 15, 18, 21, 24, 27, 30
 c. 4 - 4, 8, 12, 16, 20, 24, 28, 32, 36, 40
 d. 6 - 6, 12, 18, 24, 30, 36, 42, 48, 54, 60
 e. 9 - 9, 18, 27, 36, 45, 54, 63, 72, 81, 90
 f. 11 - 11, 22, 33, 44, 55, 66, 77, 88, 99, 110
 g. 12 - 12, 24, 36, 48, 60, 72, 84, 96, 108, 120
 h. 15 - 15, 30, 45, 60, 75, 90, 105, 120, 135, 150
 i. 21 - 21, 42, 63, 84, 105, 126, 147, 168, 189, 210
 j. 24 - 24, 48, 72, 96, 120, 144, 168, 192, 216, 240