Number 2F Assessment

Foundation Level ⊘ 1 - 17   🖩 18 - 22

Clip	Grade	Title of clip	Question(s)	Marked out of	Score	%
66.	3	Multiplying Decimals	1 - 3	8	___	__
67.	3	Dividing Decimals	4 - 5	6	___	__
68.	3	Four Rules of Negatives	6 - 7	8	___	__
69.	3	Listing Strategies	8	3	___	__
70.	3	Comparing Fractions	9	2	___	__
71.	3	Adding and Subtracting Fractions	10 - 11	4	___	__
72.	3	Finding a Fraction of an Amount	12	1	___	__
73.	3	Multiplying Fractions	13 - 14	3	___	__
74.	3	Dividing Fractions	15	2	___	__
75.	3	BODMAS/BIDMAS	16	4	___	__
76.	3	Reciprocals	17	2	___	__
77.	3	Calculator Questions	18 - 22	12	___	__

Out of 55   TOTAL SCORE _____

Final Percentage [   ] %

1) Work out the answers to

   a) 0.3×0.4 _____   **1**

   b) 0.4×0.2 _____   **1**

2) Work out the answers to the following, showing your working

   a) 2.7×4.1 _____   **2**

   b) 12.3×0.36 _____   **2**

3) Tom has a job that pays £9.32 per hour.
   He worked for 40 hours last week.

   How much did he earn? _____   **2**

4) Work out

   a) $12 \div 0.3$ _____   **2**

   b) $51.36 \div 1.6$ _____   **2**

5) If a textbook costs £7.80, how many can be bought for £101.40?

   _____ books can be bought.   **2**

6) Work out

   a) $5 - 8 =$ _____   **1**

   b) $-7 - 3 =$ _____   **1**

   c) $4 + (-12) =$ _____   **1**

   d) $(-9) - (-3) =$ _____   **1**

7) Work out

   a) $5 \times (-3) =$ _____   **1**

   b) $(-7) \times (-2) =$ _____   **1**

   c) $(-86) \div (-2) =$ _____   **1**

   d) $(-36) \div 12 =$ _____   **1**

8) Hannah has these three cards. | 5 | | 7 | | 2 |

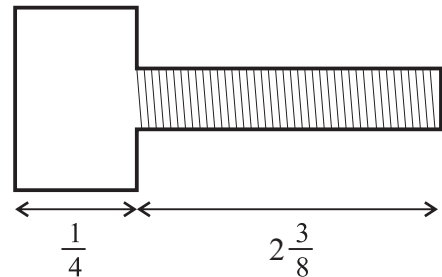   Make a list of all the 3-digit numbers she can make using the cards.

   3

9) Put the following fractions in order of size, smallest to largest.

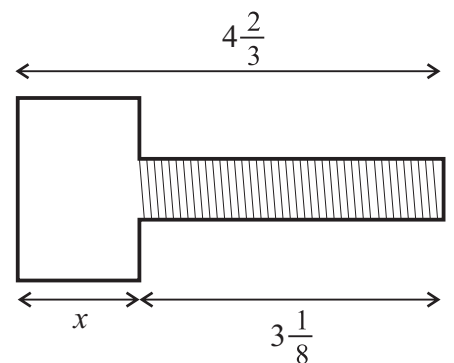$$\frac{2}{3} \qquad \frac{1}{2} \qquad \frac{1}{4} \qquad \frac{5}{8} \qquad \frac{13}{12}$$

_____ **2**

10) The bolt has given lengths measured in inches.

What is the total length of the bolt? _____ inches. **2**

$\frac{1}{4}$ $\qquad$ $2\frac{3}{8}$

11) The bolt has given lengths measured in inches.

What is the length (x) of the head of the bolt? _____ inches. **2**

$4\frac{2}{3}$

x $\qquad$ $3\frac{1}{8}$

12) Work out $\frac{4}{5}$ of 150 _____ **1**

13) Work out $\frac{4}{9} \times \frac{27}{36}$ _____ **1**

14) A water container is $\frac{1}{8}$ full.
35 litres of water are poured into the container.
The container is now $\frac{3}{4}$ full.

When the container is full, how much water does it hold? _____ **2**

15) Calculate

a) $\frac{2}{3} \div \frac{3}{4}$ _____ **1**   b) $2\frac{4}{5} \div \frac{2}{3}$ _____ **1**

16) Work out

a) $2 + 3 \times 4 =$ _____ **1**   b) $5 \times 6 + 3 \times 2 =$ _____ **1**

c) $3 \times 4^2 =$ _____ **1**   d) $5 \times (6 + 3) \times 2 =$ _____ **1**

17) a) Find the reciprocal of 7 _____ **1**

b) Find the reciprocal of $\frac{4}{5}$ _____ **1**

18) Work out $\dfrac{4.8 + 10.6}{2.3 - 0.5}$ giving your answer to 1 decimal place. _____ **2**

19) Work out $\dfrac{1.2 \times 13.9}{(9.1 - 0.5)^2}$ giving your answer to 2 decimal places. _____ **2**

20) Work out $\dfrac{\sqrt{27.5}}{7^3 + 0.22}$ giving your answer to 3 decimal places. _____ **2**

21) Work out $\dfrac{\sqrt{3.7^2 + 19.6}}{1.3^3 - 0.7}$ giving your answer to 1 decimal place. _____ **3**

22) Work out $\sqrt{\dfrac{20 - 1.3^2}{8.9}}$ giving your answer to 2 decimal places. _____ **3**