Year 6 Maths

Developing/ Expected/ Greater depth activity

Lesson 4

LO: TBAT recap previous knowledge of numbers.

Task: From this week your tasks will be different. We are now introducing a
project which needs to be completed alongside arithmetic and reasoning problems.

Success Criteria:

1. Complete the addition reasoning problems.
2. Recap arithmetic methods.
3. Apply your knowledge of number to complete a word search.

Year 6 Maths
Main activity

Task 1	Task 2	Task 3
Reasoning	**Arithmetic**	**Beam Activity**

Task 1 — Reasoning

1. Lake School collected 10p coins for charity.
   They raised £31.50

   How many 10p coins did they collect?

2. Five children shared 4 packs of sweets equally.

   What fraction of a packet did they each receive?

3. 8 friends share £434 equally between them.

   How much does each person receive?

4. Write the missing digits to make the calculation correct.

   $$\boxed{}\ 7.\ \boxed{}\ 5$$

   $$4\ \overline{|\ 1\ \ 5\ \ 1}$$

Task 2 — Arithmetic

22. $\frac{5}{8} \times 40 =$

23. $\frac{4}{5} \div 2 =$

24. $65\overline{)8625} =$

25. $\begin{array}{r} 1802 \\ \times\ \ 43 \end{array}$

26. $\frac{4}{5} - \frac{7}{10} =$

27. $3\frac{7}{8} - 1\frac{1}{2} =$

28. $\frac{3}{4} \times \frac{1}{2} =$

Task 3 — Beam Activity

Number word search

Find 12 words to do with numbers in this grid.

Write the word by the correct clue.

q	a	s	m	e	w	v	s	b	o	o	l
x	m	c	u	b	e	y	q	l	o	z	i
u	p	l	l	i	o	n	u	m	b	e	r
f	a	c	t	o	r	g	a	x	e	r	k
l	p	a	i	z	c	w	r	y	r	o	n
i	n	s	p	r	i	m	e	r	v	q	h
b	m	w	l	u	s	i	g	r	o	p	s
b	u	x	e	v	e	n	s	t	e	n	x
p	d	a	k	a	m	u	h	w	y	w	q
z	o	d	i	v	i	s	i	o	n	o	c

1. The inverse of multiplication
2. The square root of 100
3. 8, 64 and 20 are all _____ s of 4
4. 9 and 16 are both _____ numbers
5. Multiples in the 8 times table are all _____
6. The _____ of 2 is 8
7. 3, 6, 9 and 12 are all _____ s of 48
8. Another word for 'subtract'
9. 7, 11, 13 and 17 are all _____
10. −3 and −5 are both negative _____ s
11. The square root of 4
12. The product of 6 and 0