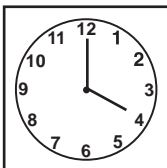


# Time games

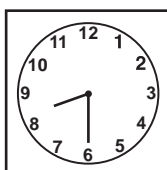
**Games 1 – 10: matching a clock face to a time in the upper grid.**



Point to a clock face and tell the time, then place a counter on that time in the answer grid, for example:

“This clock says four o’clock” and then place a counter on **four o’clock** or **4.00**

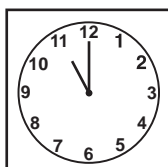
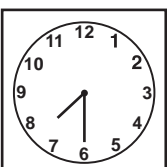
**Games 11 – 20: relating analogue and digital times.**



Point to an analogue clock face, tell the time and place a counter on the appropriate digital time in the answer grid for example

“This clock says half past eight.” The digital representation **08:30** is

**Games 21 – 28: the time between two clock faces or written times.**



Calculate aloud how long it is between an earlier and a later time and place a counter on the answer in the upper grid, for example: “The time between 7.30am and 11.00am is 3hrs 30 minutes.”

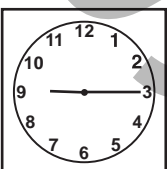
**Games 29 – 30: changing 12 hour times to 24 hour times.**

**8:30pm**

**20:30**

Convert 12 hour times to 24 hour times and place a counter on the appropriate answer in the upper grid, for example: “8.30 pm in 12 hour time is 20.30 in 24 hour time.”

**Games 31 – 46 ; clock faces which are either fast or slow.**



Point to a clock face and say aloud what the correct time should be, then place a counter on the solution in the answer grid, for example:

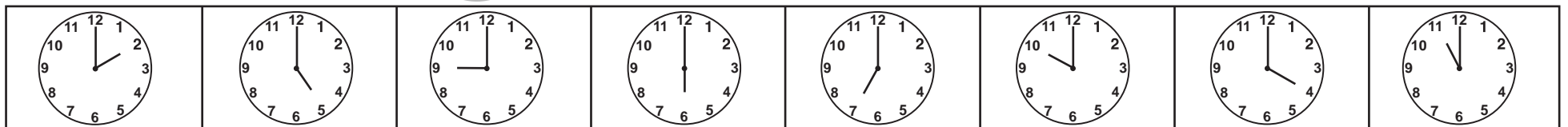
“This clock is 10 minutes slow, the correct time is 9.25 or twenty five minutes past nine.”

**Games 47 – 56: addition of time.**

Add together aloud any two of the times in the bottom strip and place a counter on the answer in the upper grid, for example: “45 seconds and 40 seconds are 1 minute 25 seconds.”

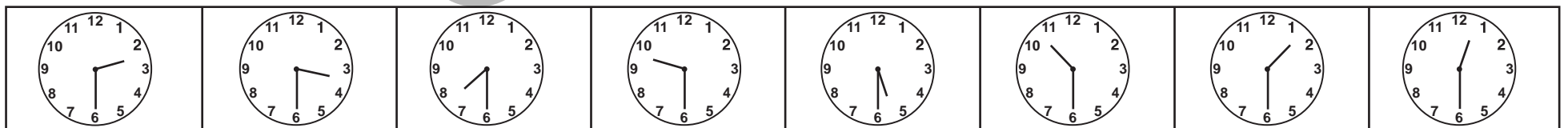
$$\begin{array}{|c|} \hline 45 \\ \hline \text{seconds} \\ \hline \end{array} + \begin{array}{|c|} \hline 40 \\ \hline \text{seconds} \\ \hline \end{array} = \begin{array}{|c|} \hline 1 \text{ minute} \\ \hline 25 \text{ seconds} \\ \hline \end{array}$$

two o'clock	ten o'clock	eleven o'clock	six o'clock	eleven o'clock	five o'clock
seven o'clock	five o'clock	two o'clock	ten o'clock	two o'clock	six o'clock
nine o'clock	seven o'clock	six o'clock	nine o'clock	five o'clock	ten o'clock
four o'clock	ten o'clock	eleven o'clock	seven o'clock	two o'clock	four o'clock
six o'clock	two o'clock	four o'clock	six o'clock	eleven o'clock	nine o'clock



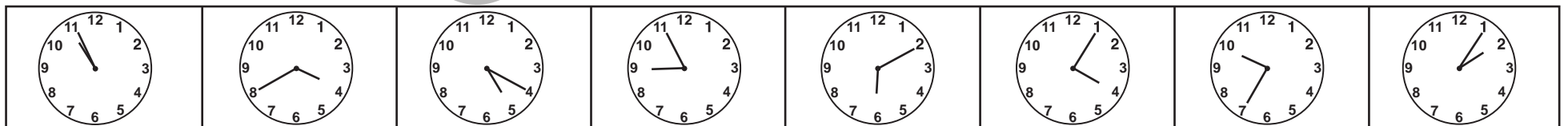
**Game 2** – Find the time in words that is the same as the clock face.

1.30	12.30	2.30	7.30	5.30	3.30
2.30	3.30	7.30	9.30	5.30	10.30
5.30	10.30	1.30	12.30	2.30	3.30
12.30	1.30	10.30	5.30	9.30	7.30
2.30	9.30	5.30	10.30	7.30	3.30



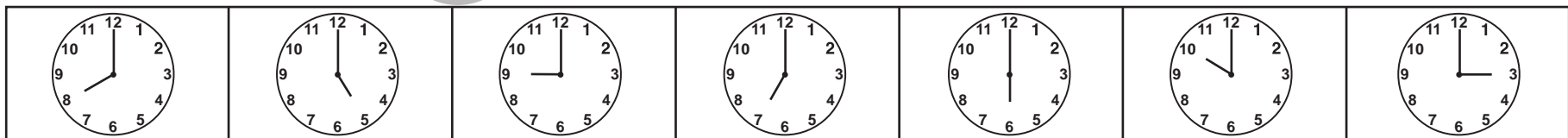
**Game 3** – Find the time that is the same as the clock face.

5 minutes to 11 o'clock	5 minutes past 2 o'clock	25 minutes to 10 o'clock	25 minutes to 10 o'clock	20 minutes to 4 o'clock	5 minutes past 4 o'clock
5 minutes to 9 o'clock	20 minutes past 5 o'clock	5 minutes past 4 o'clock	10 minutes past 6 o'clock	5 minutes to 9 o'clock	5 minutes to 11 o'clock
20 minutes to 4 o'clock	25 minutes to 10 o'clock	5 minutes to 11 o'clock	5 minutes past 2 o'clock	25 minutes to 10 o'clock	10 minutes past 6 o'clock
10 minutes past 6 o'clock	5 minutes past 2 o'clock	5 minutes to 9 o'clock	20 minutes past 4 o'clock	20 minutes past 5 o'clock	5 minutes past 2 o'clock
20 minutes past 5 o'clock	20 minutes to 4 o'clock	5 minutes past 4 o'clock	25 minutes to 10 o'clock	10 minutes past 6 o'clock	5 minutes to 11 o'clock



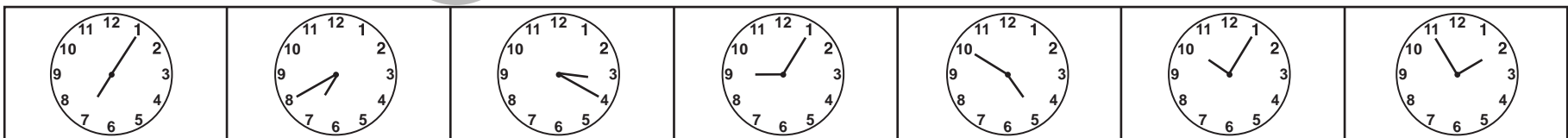
**Game 9** – Find the time in words that is the same as the clock face.

03:00	08:00	09:00	05:00	06:00	10:00
09:00	06:00	07:00	03:00	09:00	06:00
05:00	08:00	03:00	08:00	05:00	07:00
08:00	03:00	07:00	03:00	06:00	08:00
10:00	06:00	09:00	07:00	10:00	05:00



Game 11 – Find the time that is the same as the clock face.

06:40	01:55	09:05	04:50	06:40	03:20
09:05	04:50	07:05	06:40	10:05	01:55
07:05	01:55	03:20	10:05	09:05	06:40
01:55	04:50	07:05	03:20	10:05	07:05
06:40	10:05	04:50	01:55	03:20	09:05

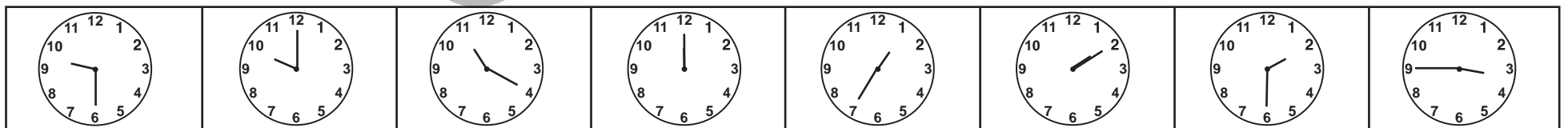


21:22	13:16	09:15	22:13	18:45	09:15
18:45	20:30	15:15	17:30	08:20	22:13
13:16	09:15	21:22	20:30	17:30	15:15
18:45	17:30	22:13	13:16	17:30	13:16
20:30	08:20	15:15	20:30	18:45	21:22

8:20am	1:16pm	9:15am	3:15pm	5:30pm	6:45pm	8:30pm	9:22pm	10:13pm
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**Game 29** – Change the 12 hour times above to 24 hour times in the grid

2:00	Ten minutes to ten	11:10	2:20	9:50	11:50
Twenty minutes past nine	11:50	9:20	Twenty five minutes to four	1:25	Twenty minutes past nine
2:00	1:25	Twenty minutes past two	9:20	2:20	3:35
Ten minutes past eleven	3:35	Two o'clock	Twenty five minutes past one	Ten minutes past eleven	Two o'clock
2:20	Ten minutes to ten	Twenty five minutes to four	11:50	Ten minutes to twelve	9:50



**Game 31** – These clock times are 10 minutes FAST, the correct times are in the grid above



# Money games

## **Games 1 – 16: addition of coins to find an amount in the upper grid.**

Add the number of coins as instructed on a game sheet.

Say these aloud including the answer, for example: “20p and 5p make 25p” and place a coloured counter in the answer grid on 25p.

## **Games 17 – 20: subtraction of coins to find an amount in the upper grid.**

In the strip at the bottom of each page subtract any of the amounts to the left of the dark line from any of the amounts to the right of the dark line.

Say the calculation aloud, including the answer, for example: “25p from 70p is 45p” and place a coloured counter on 45p in the answer grid.

## **Games 21 – 29: multiplication of money to find an amount in the upper grid.**

In the strip at the bottom of the page, multiply any of the amounts by what is written in the first section of the strip.

Say the calculation aloud, including the answer, for example: “3 times 15p is 45p” and place a coloured counter on 45p in the answer grid.

## **Games 30 – 38: division of money to find an amount in the upper grid.**

The first section of each strip at the bottom of the page tells you what the rest of the amounts have to be divided by, for example “divide by 6 . . .”.

Say the calculation aloud, for example: “48p divided by 3 is 16p” and place a coloured counter on 16p in the answer grid.

## **Games 39 – 50: percentage reduction or increase to find an amount in the upper grid.**

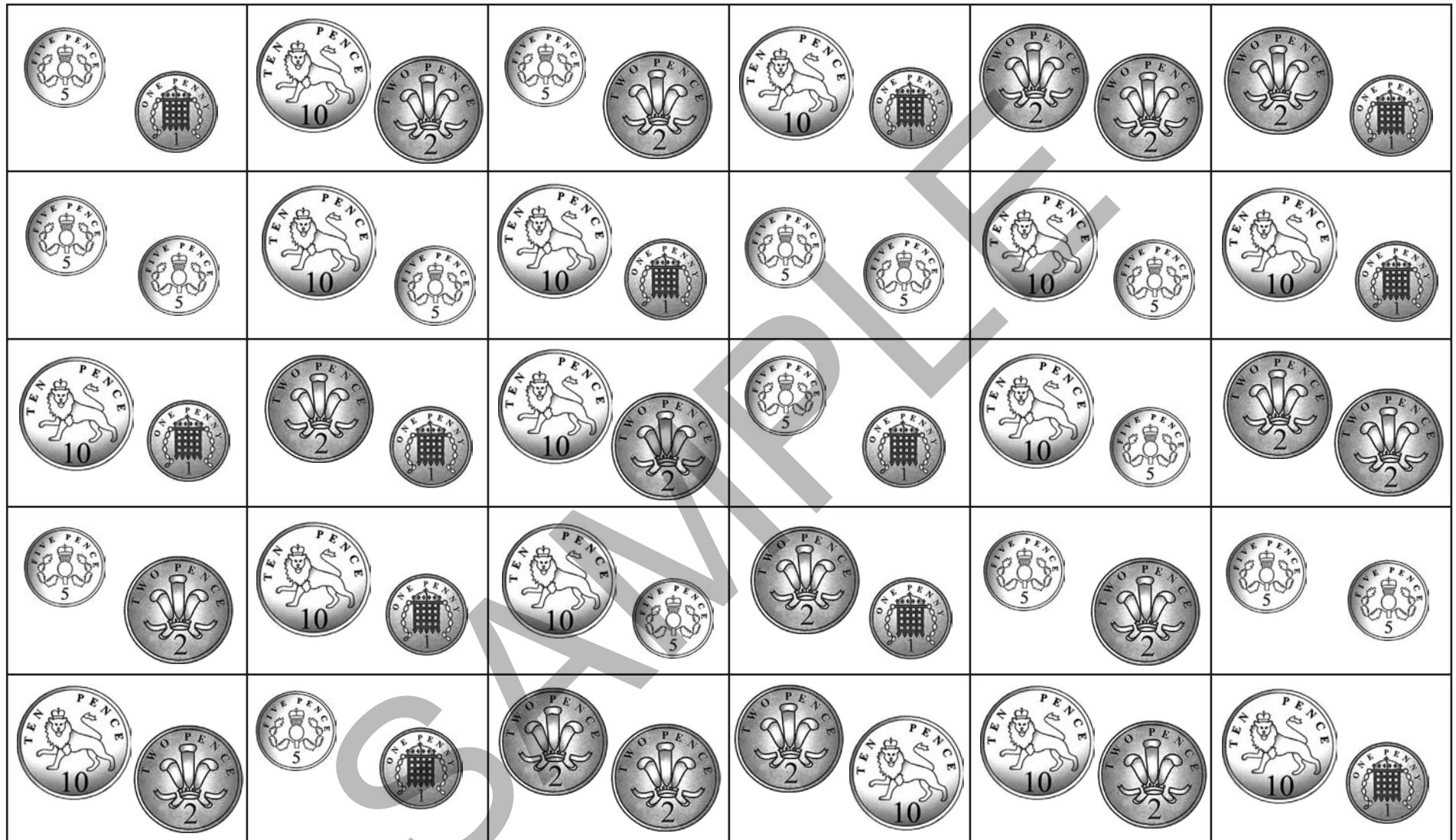
Calculate what the correct amount would be after the appropriate percentage reduction or increase has been made. Say the calculation aloud, for example: “£2.50 increased by 10% is £2.75” and place a coloured counter on £2.75 in the answer grid.

Note: Pencil and paper might be needed for some of the more advanced calculations.

6p	12p	7p	11p	4p	3p
10p	15p	11p	2p	15p	11p
11p	3p	12p	6p	2p	4p
7p	11p	15p	3p	7p	2p
12p	6p	10p	4p	12p	11p

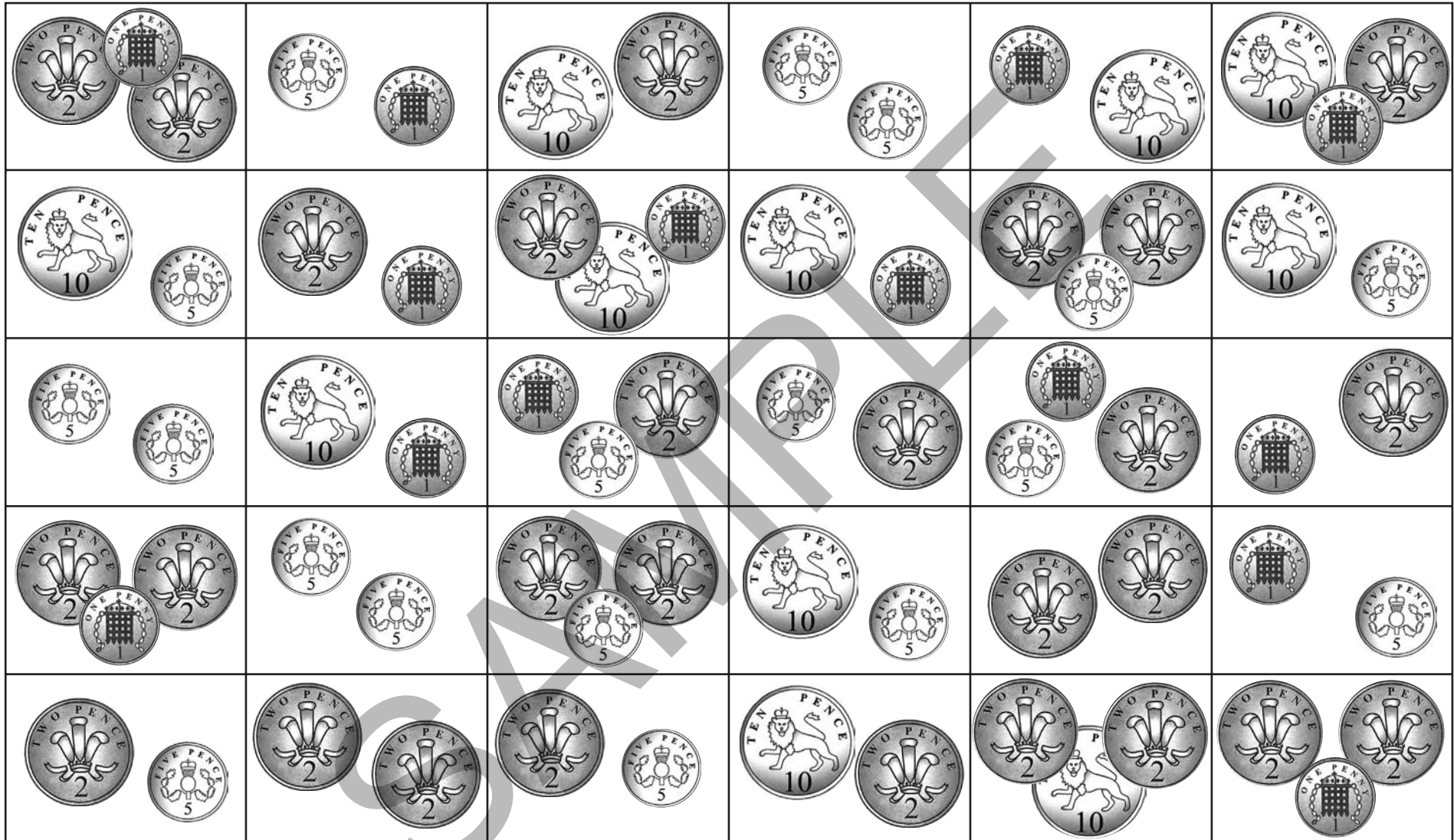


**Game 1 – Addition.** Add any two coins to make an amount in the grid.



1p	5p	2p	10p	2p	5p
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**Game 4 – Addition.** Add any two amounts to match the coins in the grid above.



7p	6p	2p	1p	4p	3p	8p
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**Game 8 – Addition.** Add any two or three amounts to match the coins in the grid above.

8p	5p	15p	45p	18p	98p
98p	18p	48p	49p	95p	5p
95p	9p	5p	19p	8p	99p
45p	19p	15p	8p	9p	49p
99p	49p	45p	98p	48p	15p



**Game 18 – Subtraction.** Subtract any of the amounts on the left of the dotted line from those on the right.

52p	44p	56p	34p	30p	80p
80p	30p	80p	52p	44p	70p
44p	70p	34p	56p	34p	44p
70p	34p	44p	70p	52p	30p
30p	44p	56p	52p	56p	34p

40p	35p	15p	26p	17p	28p	22p
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**Game 21 – Multiplication.** Multiply by 2 an amount in the bottom grid to make up an amount in the large grid.

12p	15p	8p	18p	9p	12p
18p	16p	9p	12p	10p	9p
8p	10p	12p	15p	8p	10p
16p	18p	8p	16p	9p	15p
9p	10p	15p	18p	16p	8p

45p	80p	60p	50p	90p	75p	40p
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**Game 33 – Division.** Divide by 5 an amount in the bottom grid to make up an amount in the large grid.