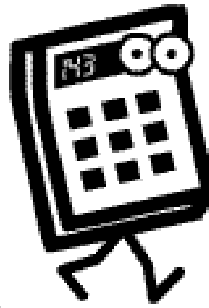# MAKING NUMBERS FUN!

Boogles Ltd

MATHS MONEY WORKSHEETS

7-9yrs: Familiarise Yourself With Money

Equipment Needed

Paper – plain or lined
Pencil, pencil sharpener
Eraser / rubber
Thinking cap

Boogles Ltd

Increasing by 10p

The price of goods increases by 10p. What is the new price?

65p
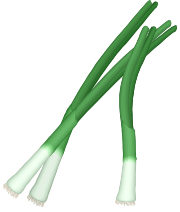
27p

88p

82p
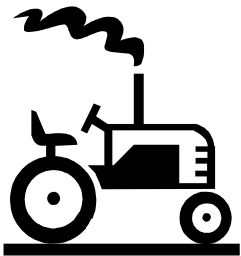
45p

82p

SALE !!!
10 p off everything !!!

Take 10p off each price

35p	

25p	

95p	
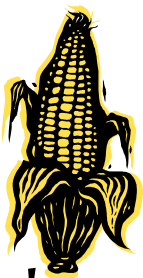
73p	

78p	
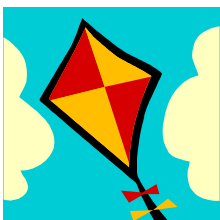
12p	

Division

Share the money £1.10 between Gerri & Emma.

_____p   _____p

Auntie Lisa has £1.20, which she gives to Charlene to share with her 2 brothers – Graham and Michael. How much do they get each?

Charlene _____p Graham _____p Micheal _____p

Martin Mouse has passed his mouse exam. He gets £1 from his brother.

How much change will Martin have if he buys:

1) a pen for 25p ?
2) a slice of cheese for 59p?
3) a drink for 35p?
4) a comic for 83p?

Money familiarisation

1p = £0.01   20p = £0.20
2p = £0.02   50p = £0.50
5p = £0.05   100p = £1.00
10p = £0.10   200p = £2.00

Addition

£	£	£	£	£	£
1.36	3.75	3.73	3.15	1.04	3.95
9.30	3.93	3.48	3.59	3.91	0.09

£	£	£	£	£	£
2.19	3.85	5.29	3.50	2.21	3.92
0.92	0.27	0.28	0.75	0.32	2.82

£	£	£	£	£	£
0.91	0.73	0.73	1.00	1.20	3.40
7.30	2.50	2.00	2.10	4.30	1.30

Subtraction

£	£	£	£	£	£
2.19	3.95	3.28	3.50	2.21	3.82
0.92	0.27	0.29	0.73	0.32	2.92

£	£	£	£	£	£
0.53	8.28	2.38	2.07	1.20	3.40
0.12	2.50	2.00	0.18	0.21	1.30

£	£	£	£	£	£
6.10	9.00	6.20	9.50	6.80	6.10
1.10	3.30	1.30	3.30	0.34	0.63

£	£	£	£	£	£
4.29	4.31	3.34	1.20	1.29	1.30
0.56	0.75	0.72	0.29	0.42	1.22

Pounds & Pence

20p is the same as writing £0.20

Write these equivalents in the space below.

30p ⟶ £___.___   £2.40 ⟶ __p

5p ⟶ £___.___   £0.75 ⟶ __p

13p ⟶ £___.___   £0.49 ⟶ __p

73p ⟶ £___.___   £0.57 ⟶ __p

95p ⟶ £___.___   £2.73 ⟶ __p

Adding Cash

1. Add 4p to £3.96
2. Add 67p to £2.57
3. Add 28p to £2.15
4. Add 94p to £3.07
5. Add 21p to £4.03

Deducting Cash

1. Subtract 48p from £4.83
2. Subtract 37p from £3.07
3. Subtract 59p from £8.52
4. Subtract 88p from £1.63
5. Subtract 44p from £2.11

Multiplying Cash

1. Shantelle gets £5, twice as much as Nicole. How much does Nicole receive?
2. Kerry doubles her 10p coin. How much does she now have?
3. John trebles his £1 coin. How much does he have?

£	£	£	£	£	£
1.57	2.36	2.24	3.72	1.38	3.82
2	3	4	5	6	7

£	£	£	£	£	£
4.92	8.31	2.37	1.49	2.84	2.92
8	9	2	3	4	5

£	£	£	£	£	£
0.63	0.89	2.31	7.25	1.22	0.37
2	3	4	5	6	7

Approximating BIG numbers e.g. £50

One strategy you can use when multiplying BIG numbers is to multiply the number by 100, and then divide by 2.

e.g. 66 x £50 = ?

We know that 66 x £100 = £6,600, and half of £6,600 would be £3,300, so we can estimate that 66 x £50 = £3,300. Try working this out for yourself.

Estimate the following sums of money, then try doing the sum, to see if you are right.

1	40	x	£50	=
2	80	x	£50	=
3	60	x	£50	=
4	96	x	£50	=
5	92	x	£50	=
6	146	x	£50	=
7	18	x	£50	=
8	94	x	£50	=
9	99	x	£50	=
10	40	x	£50	=
11	86	x	£50	=
12	44	x	£50	=
13	140	x	£50	=
14	862	x	£50	=
15	960	x	£50	=
16	843	x	£50	=
17	24	x	£50	=
18	642	x	£50	=
19	6316	x	£50	=
20	324	x	£50	=

Estimating numbers e.g. The number 15

One strategy you can use when estimating if your answer to a multiplication x 15 looks about right, is to multiply the number by 10, (note the numbers) and then divide by 2 (note that number), and add the two together.

e.g. 66 x 15 = ?

We know that 66 x 10 = 660, and half of 660 would be 330, and adding the two together (660+330) = 990, so we can estimate that 66 x 15 = 990. Try working this out for yourself.

Estimate the following sums of money, then try doing the sum, to see if you are right.

1	20	x	£15	=
2	80	x	£15	=
3	70	x	£15	=
4	77	x	£15	=
5	92	x	£15	=
6	147	x	£15	=
7	18	x	£15	=
8	74	x	£15	=
9	97	x	£15	=
10	40	x	£15	=
11	86	x	£15	=
12	44	x	£15	=
13	140	x	£15	=
14	862	x	£15	=
15	770	x	£15	=
16	842	x	£15	=
17	24	x	£15	=
18	642	x	£15	=
19	6216	x	£15	=
20	224	x	£15	=

Big Money Numbers

£1 – one

£10 - ten

£100 – one hundred

£1,000 – one thousand

£10,000 – ten thousand

£100,000 – one hundred thousand

£1,000,000 – one million

£10,000,000 – ten million

£100,000,000 – one hundred million

£1,000,000,000 – one billion

£10,000,000,000 – ten billion

£100,000,000,000 – one hundred billion

1,000,000,000,000 – one trillion

Questions

a) How many noughts does one million pounds have?

b) Write, 254 thousand, 873 pounds.

c) Write ten thousand, two hundred & six pounds and twenty-five pence.

d) Boogles win £24,975.52. How much more does Boogles need, to make a million?

Adding numbers bigger than £10,000

29,119	82,775	83,173	83,975	93,741	13,793
257	563	336	394	647	853

13,976	13,736	35,743	35,536	25,135	24,741
2,399	2,307	8,379	2,999	1,396	5,717

14,347	13,674	47,697	34,971	13,749	12,341
21,317	13,877	13,282	13,107	35,719	24,797

53,134	24,939	25,507	24,340	68,949	18,947
9487	5,597	71	61	907	717

Subtracting numbers bigger than £10,000

29,119	82,775	83,173	83,975	93,741	13,793
257	563	336	394	647	853

13,976	13,736	35,743	35,536	25,135	24,741
2,399	2,307	8,379	2,999	1,396	5,717

14,347	13,674	47,697	34,971	13,749	12,341
21,317	13,877	13,282	13,107	35,719	24,797

53,134	24,939	25,507	24,340	68,949	18,947
9487	5,597	71	61	907	717

Word problems – Money

1) £2.30 + 90p = £_____

2) The scale showed 420g for a bag of sugar. How much will it cost if the price is 90p for 500g? £___

3) 64p = _____ TWENTIES ____ P

4) From 70p take 24p. _____p

5) One quarter of Philip's money is 99p. How much has he altogether? _____p

6) Decrease 40p by 21p.

7) 4p + 9p = 1 TEN AND _____P

8) How many TWENTIES must be added to 80p to make £2.80? _____

9) Find the change from 5 TEN and 7 Fives after spending 77p. _____p

10) 10p + 8p + 4p – 9p = _____p

11) Which 3 coins together make 8p? _____p _____p _____p

12) £10.00 - £3.63 = £ _____

13) £2 coin minus 47p = _____p

14) Subtract (10p x 9) from (5p x 7) = _____p

15) I gave 7 FIVES for sweets costing 31p. How much change do I get ? _____p

16) 14p + 2p + 5 p = _____p

17) Find the total value of these coins £2 + 50p + 20p + 20p + 5p = £ _____

18) If you can buy 2 bars of chocolate for 30p. How many bars can you buy for 60p? _____

19) Decrease 56p by 8p. _____p

20) Find the cost of three, if 4 cost £4.80. _____p

21) Split £12.00 in the ratio of: 3: 6: 1. ____ ____ ____

22) Find seven eighths of £56 £_____

23) The scale showed 290g for a bag of sugar. How much will it cost if the price is 40p for 60g? £_____

24) 34p = ____ FIVES ___ P

25) From 40p take 27p. _____p

26) One third of Marlene's money is 12p. How much has she altogether? ____p

27) Decrease 62p by 7p.

28) Find the cost of two, if 5 cost £2.80. _____p

29) Split £72.00 in the ratio of: 3: 2: 4. ____ ____ ____

30) Find four sevenths of £63. £ _____