Year 6—Revision—Calculation # 3 Prime Numbers

Shade in all the prime numbers

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Solve each of the problems

Two prime numbers have a sum of 23 what could the two prime numbers be?

19+4

Two prime numbers have a sum of 48. What could the two prime numbers be?

43+5   31+17

41+7   29+19

37+11

Two prime numbers have a sum of 134. What could the two prime numbers be?

97+37   67+67

83+51

73+61

Complete each BODMAs calculation

6 x 7 − 4 X 8 = 42-32 = 10

9 + 23 − 5 x 5 = 9 + 23—25 = 32-25 = 7

4 + 21 ÷ 7 − 9 = 4 + 3—9 = 7—9 = -2

8 x 7 x (12 − 5) = 8 x 7 x 7 = 392

Fill in the missing number

(5 + 9) ÷ 7 = 2

15 ÷ (7 -2) = 3

8 + 6 x 3 = 26

9 x (12 − 5) = 63

4 x 6 + 5 **<** (18 ÷ 2) x 7

15 − 4 x 3 **=** 36 ÷ 4 − 6

7 x 4 + 8 ÷ 2 **>** (27 + 3) ÷ 3

8^2 - 15 x2 **=** (5 x 6) + 2^2

Write five know facts based on the ones in the box.

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3 x 9 = 27

Any 5 facts derived from the above e.g. 30 x 9 = 270, 0.3 9 = 2.7, 0.3 x 0.9 = 0.27 etc

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4 x 8 = 32

Any 5 facts derived from the above e.g. 400 x 8 = 3200, 0.8 x 4 = 3.2, 40 x 800 = 32000

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5 x 6 = 30

Any 5 facts derived from the above e.g. 500 x 60 = 30000, 0.5 x 0.6 = 0.30, 50 x 6 = 300

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9 x 9 = 81

Any 5 facts derived from the above e.g. 0.9 x 9 = 8.1, 90 x 9 = 810, 900 x 900 = 810000

Fill in each of the missing numbers.

| 200 | X | 6 | = | 1200 |

| 80 | X | 0.5 | = | 40 |

| 0.4 | X | 0.4 | = | 0.16 |

| 6000 | X | 7 | = | 42000 |

| 3 | X | 0.08 | = | 0.24 |

| 0.6 | X | 0.06 | = | 0.036 |

| 700 | X | 50 | = | 35000 |

Complete the calculations.

8463 x 68 =

575484

7315 x 26 =

190190

4082 x 42 =

171444

3457 x 85 =

293845