Name: **Multiples of 3: 3 [A]**

PROFESSOR PETE'S CLASSROOM

Multiples of 3:

The sum of the digits is 3 or another multiple of 3.
e.g. 27: (2+7=9) 9 is a multiple of 3, so 27 is a multiple of 3.
156: (1+5+6=12) 12 is a multiple of 3, so 156 is a multiple of 3.

Cross out the numbers that are not multiples of 3.

3	5	6	8	9	10
11	12	16	18	24	30
32	36	42	54	56	73
102	106	111	114	245	304

Write the mu

1) Start at 3

2) Start at 4

42	

Multiplicatio

3) 10 × 8 =
4) 5 × 8 =
5) 4 × 2 =
6) 7 × 5 = _____
7) 10 × 3 = _____
8) 4 × 9 = _____
12) 7 × 8 = _____
13) 7 × 6 = _____
14) 5 × 3 = _____

28) 16 ÷ 2 = _____
29) 36 ÷ 4 = _____
30) 64 ÷ 8 = _____
34) 16 ÷ 8 = _____
35) 35 ÷ 5 = _____
36) 12 ÷ 3 = _____

Addition revision

15) 10 + 3 = _____
16) 10 + 5 = _____
17) 3 + 9 = _____
18) 4 + 9 = _____
19) 9 + 3 = _____
20) 8 + 8 = _____
21) 7 + 3 = _____
22) 3 + 7 = _____
23) 7 + 5 = _____
24) 4 + 7 = _____

Subtraction revision

37) 3 – 2 = _____
38) 6 – 4 = _____
39) 14 – 7 = _____
40) 5 – 3 = _____
41) 17 – 8 = _____
42) 19 – 9 = _____
43) 15 – 8 = _____
44) 16 – 9 = _____
45) 12 – 8 = _____
46) 11 – 6 = _____

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day: Factors and Multiples Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Have the students record their time taken to complete the page.

Name: **Multiples of 3: 3 [B]**

PROFESSOR PETE'S CLASSROOM

Multiples of 3:

The sum of the digits is 3 or another multiple of 3.

Cross out the numbers that are not multiples of 3.

2	3	5	6	9	12
13	14	15	18	21	22
25	30	41	48	51	68
121	123	145	153	270	321

Write the first 10 multiples

1) 3 = _____

2) 4 = _____

3) 2 = _____

Division rev

4) 44 ÷ 9 = _____

5) 49 ÷ 9 = _____

6) 3 ÷ 5 = _____

7) 8 ÷ 2 = _____ 12) 10 ÷ 7 = _____ 17) 17 ÷ 8 = _____ 22) 31 ÷ 4 = _____

8) 11 ÷ 5 = _____ 13) 47 ÷ 9 = _____ 18) 37 ÷ 3 = _____ 23) 19 ÷ 3 = _____

Addition: Rainbow facts to 100

24) 67 + ____ = 100

25) 4 + ____ = 100

26) 60 + ____ = 100

27) 53 + ____ = 100

28) 44 + ____ = 100

29) 34 + 66 = _____

30) 35 + ____ = 100

31) 19 + ____ = 100

32) 58 + ____ = 100

33) 57 + ____ = 100

34) 52 + ____ = 100

35) 45 + 55 = _____

Subtraction: Rainbow facts to 100

36) 100 – ____ = 6

37) 100 – ____ = 36

38) 100 – ____ = 49

39) 100 – ____ = 13

40) 100 – ____ = 37

41) 100 – 17 = _____

42) 100 – ____ = 95

43) 100 – ____ = 23

44) 100 – ____ = 11

45) 100 – ____ = 27

46) 100 – ____ = 35

47) 100 – 42 = _____

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Name: **Multiples of 9 & 3: 3 [C]**

PROFESSOR PETE'S CLASSROOM

Multiples of 3:

The sum of the digits is 3 or another multiple of 3.

Multiples of 9:

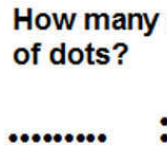
The sum of the digits is a multiple of 9.

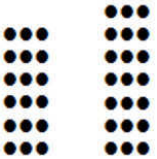
e.g. 72: (7+2=9) 693: (6+9+3=18) 18 is a multiple of 9 so 693 is a multiple of 9.

Cross out the numbers that are not multiples of 9

8	9	10	11	15	18
19	21	27	33	34	36
39	42	45	48	51	54
59					342

How many … of dots?





Write the mu…

1) Start at 9

Write the mu…

2) Start at 9

9													

Division revision with remainders

3) 25 ÷ 3 = ____	8) 45 ÷ 6 = ____	13) 35 ÷ 8 = ____	18) 22 ÷ 3 = ____
4) 21 ÷ 3 = ____	9) 32 ÷ 4 = ____	14) 35 ÷ 4 = ____	19) 73 ÷ 9 = ____
5) 12 ÷ 8 = ____	10) 28 ÷ 9 = ____	15) 66 ÷ 8 = ____	20) 38 ÷ 4 = ____
6) 17 ÷ 2 = ____	11) 16 ÷ 5 = ____	16) 32 ÷ 7 = ____	21) 9 ÷ 4 = ____
7) 3 ÷ 4 = ____	12) 27 ÷ 6 = ____	17) 43 ÷ 7 = ____	22) 6 ÷ 2 = ____

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