2x Double: think of ten frames



The 2x tables can be learned by thinking of doubles in the addition tables.

Another way is to think of ten frames:

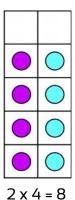
Example:

$$2 \times 5 =$$
 double 5

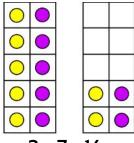
$$2 \times 5 = 5 + 5 = 10$$

$$2 \times 6 =$$
 double 6

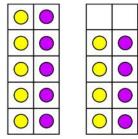
$$2 \times 6 = 6 + 6 = 12$$



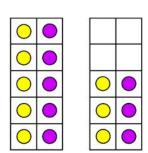
More Examples:



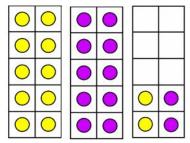
$$2 \times 7 = 14$$



$$2 \times 9 = 18$$



$$2 \times 8 = 16$$



$$2 \times 12 = 24$$

Focus on these tricky ones

$$2 \times 7 = 14$$

$$2x8 = 16$$

$$2 \times 9 = 18$$

Time: Score: Double (2x): 1[A]



5&10 3 4 0,11&Squ 9 6 8 7 12 All

2x - "Double" Strategy

Relate these number facts to the "Double" addition facts. Use ten frames to help students visualise the

Double 7 - Students can see 7 made up of 5 + 2; double that equals 14. Other representations can be shown with the counters on the ten frames.

2x

Turn arounds x2

$$47) 2 \times 2 =$$

Write the missing number

35)
$$2 \times = 4$$

34)
$$2 \times = 10$$

$$37) 2 \times \underline{\hspace{1cm}} = 6$$
 $38) 2 \times \underline{\hspace{1cm}} = 8$

Addition revision

Subtraction revision

This worksheet is part of the Professor Pete's Classroom eBooks "Ten Minutes a Day Level 2: Multiplication Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet.

Time: Score: Double (2x): 1 [B]



x 2 5&10 3 4 0,11&Squ 9 6 8 7 12 All

2x

Turn arounds x2

Write the missing number

33)
$$2 \times = 4$$
 38) $2 \times = 18$

35)
$$2 \times = 22$$
 40) $2 \times = 16$

Write the missing number

82)
$$\times 2 = 20$$
 87) $\times 2 = 14$

4)
$$\times 2 = 24$$
 89) $\times 2 = 12$

85)
$$\times 2 = 2$$
 90) $\times 2 = 10$

Addition revision

Subtraction revision

Time: Double (2x): Score: 1 [C]



x 2 3 4 0,11&Squ 9 6 8 7 12 All 5&10

Turn arounds x2

Write the missing number

31)
$$2 \times = 8$$
 36) $2 \times = 22$

32)
$$\times 9 = 18$$
 37) $2 \times 3 =$

33)
$$2 \times 5 =$$
 38) $\times 6 = 12$

Write the missing number

83)
$$\times 2 = 10$$
 88) $\times 2 = 6$

84)
$$\times$$
 2 = 12 89) 1 \times = 2

85)
$$\times 2 = 14$$
 90) $\times 2 = 18$

Addition revision

Subtraction revision

Time: Double (2x): Score: 1 [D]



x 2 3 4 0,11&Squ 9 6 8 7 12 All 5&10

Turn arounds x2

Write the missing number

31)
$$2 \times = 8$$

35)
$$\times$$
 7 = 14

Write the missing number

Addition revision

41)
$$6 + 7 =$$

Subtraction revision

Time: Score: Double (2x): 1[A]



5&10 3 4 0.11&Sau 12 9 6 8 ΑII X

2x - "Double" Strategy

Relate these number facts to the "Double" addition facts. Use ten frames to help students visualise the process.

Double 7 - Students can see 7 made up of 5 + 2; double that equals 14. Other representations can be shown with the counters on the ten frames.

2x

16)
$$2 \times 8 = 16$$

2)
$$2 \times 7 = 14$$

17)
$$2 \times 2 = 4$$

18)
$$2 \times 7 = 14$$

4)
$$2 \times 2 = 4$$

19)
$$2 \times 11 = 22$$

5)
$$2 \times 1 = 2$$

20)
$$2 \times 9 = 18$$

21)
$$2 \times 11 = 22$$

7)
$$2 \times 5 = 10$$

22)
$$2 \times 11 = 22$$

23)
$$2 \times 10 = 20$$

9)
$$2 \times 4 = 8$$

24)
$$2 \times 6 = 12$$

25)
$$2 \times 12 = 24$$

11)
$$2 \times 2 = 4$$

26)
$$2 \times 4 = 8$$

12)
$$2 \times 2 = 4$$

27) 2 × 10 =
$$\frac{20}{100}$$

28)
$$2 \times 5 = 10$$

29) $2 \times 1 = 2$

14)
$$2 \times 8 = 16$$

15) $2 \times 12 = 24$

30)
$$2 \times 3 = 6$$

Turn arounds x2

$$47) 2 \times 2 = 4$$

62)
$$3 \times 2 = 6$$

48) 12 × 2 =
$$\frac{24}{}$$

63)
$$1 \times 2 = 2$$

49)
$$8 \times 2 = 16$$

64)
$$10 \times 2 = 20$$

50) 1 × 2 =
$$\frac{2}{}$$

65) 1 × 2 =
$$\frac{2}{}$$

51)
$$3 \times 2 = 6$$

66)
$$10 \times 2 = 20$$

52)
$$10 \times 2 = 20$$

67)
$$5 \times 2 = 10$$

53)
$$8 \times 2 = 16$$

68) 10 × 2 =
$$\frac{20}{100}$$

54)
$$8 \times 2 = 16$$

69)
$$7 \times 2 = 14$$

55)
$$9 \times 2 = 18$$

70) 11
$$\times$$
 2 = $\frac{22}{1}$

56)
$$12 \times 2 = 24$$

71)
$$10 \times 2 = 20$$

57)
$$9 \times 2 = 18$$

72)
$$7 \times 2 = 14$$

58) 6 × 2 =
$$\frac{12}{12}$$

73) 12 × 2 =
$$\frac{24}{}$$

59) 11
$$\times$$
 2 = 22

74)
$$4 \times 2 = 8$$

60)
$$9 \times 2 = 18$$

61)
$$8 \times 2 = 16$$

76) 1 × 2 =
$$\frac{2}{}$$

Write the missing number

31)
$$2 \times 12 = 24$$

35)
$$2 \times 2 = 4$$

37)
$$2 \times 3 = 6$$

34)
$$2 \times 5 = 10$$

$$37) 2 \times 3 = 6$$
 $38) 2 \times 4 = 8$

Addition revision

39)
$$6 + 5 = 11$$

43)
$$10 + 5 = 15$$

42) 6 + 6 = 12

44)
$$8 + 9 = 17$$

41)
$$10 + 7 = 17$$

45)
$$3 + 5 = 8$$

$$46) \ 3 + 4 = 7$$

Subtraction revision

85)
$$12 - 5 = \frac{7}{}$$

89)
$$13 - 9 = 4$$

88) 5 - 2 = 3

91)
$$16 - 8 = 8$$

92) $15 - 9 = 6$

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Time: Double (2x): Score: 1[B]

PROFESSOR PETE'S CLASSROOM

2 5&10 3 4 0,11&Squ 9 6 12 8 All X

3)
$$2 \times 2 = 4$$

4)
$$2 \times 4 = 8$$

5)
$$2 \times 7 = 14$$

9)
$$2 \times 2 = 4$$

10)
$$2 \times 4 = 8$$

15)
$$2 \times 2 = 4$$

51)
$$11 \times 2 = 22$$

51)
$$11 \times 2 = 22$$

52)
$$1 \times 2 = 2$$

53)
$$3 \times 2 = 6$$

$$54) 5 \times 2 = 10$$

55)
$$10 \times 2 = 20$$

56)
$$8 \times 2 = 16$$

57)
$$2 \times 2 = 4$$

58)
$$7 \times 2 = 14$$

59)
$$6 \times 2 = 12$$

60)
$$1 \times 2 = 2$$

61)
$$9 \times 2 = 18$$

62)
$$10 \times 2 = 20$$

64)
$$12 \times 2 = 24$$

51)
$$11 \times 2 = 22$$

67)
$$2 \times 2 = 4$$

66) $7 \times 2 = 14$

68)
$$12 \times 2 = 24$$

54)
$$5 \times 2 = 10$$
 69) $6 \times 2 = 12$

71)
$$4 \times 2 = 8$$

72)
$$1 \times 2 = 2$$

74)
$$10 \times 2 = 20$$

75)
$$3 \times 2 = 6$$

76)
$$7 \times 2 = 14$$

77)
$$8 \times 2 = 16$$

78)
$$1 \times 2 = 2$$

79)
$$9 \times 2 = 18$$

80) 5 × 2 =
$$\frac{10}{10}$$

Write the missing number

32)
$$2 \times 7 = 14$$

34)
$$2 \times 3 = 6$$

36) $2 \times 4 = 8$

18) $2 \times 3 = 6$

19) $2 \times 9 = 18$

20) $2 \times 5 = 10$

21) $2 \times 8 = 16$

22) $2 \times 5 = 10$

23) $2 \times 5 = 10$

24) $2 \times 7 = 14$

 $25) 2 \times 11 = 22$

26) $2 \times 1 = 2$

27) $2 \times 1 = 2$

28) $2 \times 6 = 12$

29) $2 \times 7 = 14$

30) $2 \times 12 = 24$

Write the missing number

81)
$$3 \times 2 = 6$$

Addition revision

46)
$$4 + 6 = 10$$

42)
$$3 + 9 = 12$$

43)
$$9 + 9 = 18$$

44)
$$5 + 6 = 11$$

50)
$$9 + 6 = 15$$

Subtraction revision

91)
$$7 - 3 = 4$$

100)
$$8 - 5 = 3$$

Time: Double (2x): 1[C] Score:

PROFESSOR PETE'S CLASSROOM

x 2 5&10 3 4 0,11&Squ 9 6 8 12 All

1)
$$2 \times 2 = 4$$
 16) $2 \times 2 = 4$

2)
$$2 \times 1 = 2$$
 17) $2 \times 1 = 2$

3)
$$2 \times 9 = 18$$
 18) $2 \times 11 = 22$

4)
$$2 \times 4 = 8$$
 19) $2 \times 7 = 14$

5)
$$2 \times 1 = 2$$
 20) $2 \times 5 = 10$

6)
$$2 \times 8 = 16$$
 21) $2 \times 9 = 18$

8)
$$2 \times 5 = 10$$
 23) $2 \times 10 = 20$

11)
$$2 \times 5 = 10$$
 26) $2 \times 7 = 14$

15)
$$2 \times 6 = 12$$
 30) $2 \times 3 = 6$

Write the missing number

32)
$$2 \times 9 = 18$$
 37) $2 \times 3 = 6$

33)
$$2 \times 5 = 10$$
 38) $2 \times 6 = 12$

34)
$$2 \times 2 = 4$$
 39) $2 \times 8 = 16$

Turn arounds x2

51)
$$1 \times 2 = 2$$
 66) $5 \times 2 = 10$

52)
$$9 \times 2 = 18$$
 67) $7 \times 2 = 14$

53)
$$4 \times 2 = 8$$
 68) $8 \times 2 = 16$

54)
$$10 \times 2 = 20$$
 69) $12 \times 2 = 24$

55)
$$3 \times 2 = 6$$
 70) $6 \times 2 = 12$

56)
$$11 \times 2 = 22$$
 71) $2 \times 2 = 4$

57)
$$6 \times 2 = 12$$
 72) $5 \times 2 = 10$

58)
$$12 \times 2 = 24$$
 73) $3 \times 2 = 6$

59)
$$1 \times 2 = 2$$
 74) $3 \times 2 = 6$

60)
$$10 \times 2 = 20$$
 75) $1 \times 2 = 2$

61)
$$8 \times 2 = 16$$
 76) $4 \times 2 = 8$

62)
$$1 \times 2 = 2$$
 77) $8 \times 2 = 16$

63)
$$8 \times 2 = 16$$
 78) $8 \times 2 = 16$

64)
$$5 \times 2 = 10$$
 79) $10 \times 2 = 20$

65)
$$9 \times 2 = 18$$
 80) $6 \times 2 = 12$

Write the missing number

82)
$$8 \times 2 = 16$$
 87) $10 \times 2 = 20$

83)
$$5 \times 2 = 10$$
 88) $3 \times 2 = 6$

84)
$$6 \times 2 = 12$$
 89) $1 \times 2 = 2$

85)
$$7 \times 2 = 14$$
 90) $9 \times 2 = 18$

Addition revision

44) 1 + 5 = 6

41)
$$5 + 5 = 10$$
 46) $7 + 4 = 11$

43)
$$5 + 4 = 9$$
 48) $9 + 7 = 16$

$$45) \ 2 + 8 = 10 \qquad \qquad 50) \ 7 + 7 = 14$$

Subtraction revision

91)
$$11 - 7 = 4$$
 96) $14 - 5 = 9$

92)
$$14 - 7 = 7$$
 97) $6 - 4 = 2$

93)
$$7 - 5 = 2$$
 98) $15 - 7 = 8$

94)
$$5 - 3 = 2$$
 99) $11 - 8 = 3$

95)
$$13 - 6 = 7$$
 $100) 9 - 4 = 5$

Time: Double (2x): Score: 1 [D]

PROFESSOR PETE'S CLASSROOM

2 5&10 3 4 0,11&Squ 9 6 12 All 8 X

1)
$$2 \times 5 = 10$$

3)
$$2 \times 5 = 10$$

6)
$$2 \times 12 = 24$$

8)
$$2 \times 6 = 12$$

9)
$$2 \times 10 = 20$$

11)
$$2 \times 10 = 20$$

12)
$$2 \times 4 = 8$$

13)
$$2 \times 5 = 10$$

14)
$$2 \times 11 = 22$$

15)
$$2 \times 11 = 22$$

19)
$$2 \times 1 = 2$$

20)
$$2 \times 2 = 4$$

23)
$$2 \times 1 = 2$$

24)
$$2 \times 1 = 2$$

26)
$$2 \times 12 = 24$$

27)
$$2 \times 3 = 6$$

$$2 \times 11 = 22$$
 30) $2 \times 7 = 14$

Turn arounds x2

51)
$$1 \times 2 = 2$$

52)
$$9 \times 2 = 18$$

53)
$$4 \times 2 = 8$$

54)
$$10 \times 2 = 20$$

55)
$$3 \times 2 = 6$$

57)
$$6 \times 2 = 12$$

58)
$$12 \times 2 = 24$$

59)
$$1 \times 2 = 2$$

60)
$$10 \times 2 = 20$$

61)
$$8 \times 2 = 16$$

62)
$$1 \times 2 = 2$$

63)
$$8 \times 2 = 16$$

65)
$$9 \times 2 = 18$$

66)
$$5 \times 2 = 10$$

67)
$$7 \times 2 = 14$$

68)
$$8 \times 2 = 16$$

$$= 20$$
 69) 12 \times 2 $= 24$

70)
$$6 \times 2 = 12$$

$$2 = 22$$
 71) $2 \times 2 = 4$

72)
$$5 \times 2 = 10$$

73)
$$3 \times 2 = 6$$

74)
$$3 \times 2 = 6$$

75)
$$1 \times 2 = 2$$

76)
$$4 \times 2 = 8$$

77)
$$8 \times 2 = 16$$

78)
$$8 \times 2 = 16$$

79)
$$10 \times 2 = 20$$

80)
$$6 \times 2 = 12$$

Write the missing number

37)
$$2 \times 3 = 6$$

33)
$$2 \times 5 = 10$$

35)
$$2 \times 7 = 14$$

Write the missing number

82) $8 \times 2 = 16$

87)
$$10 \times 2 = 20$$

88) $3 \times 2 = 6$

85)
$$\frac{7}{}$$
 × 2 = 14

Addition revision

41)
$$6 + 7 = 13$$

42)
$$5 + 5 = 10$$

47)
$$2 + 7 = 9$$

43)
$$6 + 4 = 10$$

48) **4** + **5** =
$$9$$

44)
$$10 + 6 = 16$$

50)
$$3 + 6 = 9$$

Subtraction revision

94)
$$6 - 4 = 2$$

100)
$$11 - 4 = 7$$