7x: Build from known facts

Example:

Focus on these tricky ones

$7 \times 8 = 56$

$7 \times 9 = 63$

$7 \times 12 = 84$

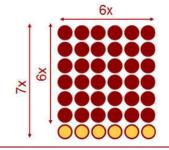**Time:**   **Score:**   **Build From Known Facts (7x):**   9 [A]

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

7x - "Build From Know Facts" Strategy
Think: 6x6 =36...   36+6=42

NB: These facts are a difficult set of facts, however nearly all 7x facts will have been covered in other sets by this stage.

7x

1) 7 × 4 =

2) 7 × 2 =

3) 7 × 11 =

4) 7 × 9 =

5) 7 × 6 =

6) 7 × 3 =

7) 7 × 4 =

8) 7 × 7 =

9) 7 × 12 =

10) 7 × 3 =

11) 7 × 10 =

12) 7 × 6 =

13) 7 × 12 =

14) 7 × 6 =

15) 7 × 2 =

16) 7 × 12 =

17) 7 × 8 =

18) 7 × 10 =

30) 7 × 12 =

Turn arounds x7

43) 2 × 7 =

44) 6 × 7 =

45) 12 × 7 =

58) 4 × 7 =

59) 11 × 7 =

60) 9 × 7 =

57) 9 × 7 =

72) 1 × 7 =

Write the missing number

31) 7 × ___ = 70

32) 7 × ___ = 14

33) 7 × ___ = 21

34) 7 × ___ = 49

35) 7 × ___ = 0

36) 7 × ___ = 56

Write the missing number

73) ___ × 7 = 14

74) ___ × 7 = 84

75) ___ × 7 = 77

76) ___ × 7 = 49

77) ___ × 7 = 21

78) ___ × 7 = 42

Addition revision

37) 9 + 7 =

38) 8 + 5 =

39) 1 + 8 =

40) 9 + 6 =

41) 2 + 6 =

42) 10 + 5 =

Multiplication revision

79) 4 × 8 =

80) 11 × 5 =

81) 9 × 9 =

82) 8 × 3 =

83) 6 × 5 =

84) 2 × 4 =

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:**   **Build From Known Facts (7x):   9 [B]**

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

7x

1) $7 \times 12 =$		16) $7 \times 1 =$	
2) $7 \times 11 =$		17) $7 \times 7 =$	
3) $7 \times 4 =$		18) $7 \times 2 =$	
4) $7 \times 11 =$		19) $7 \times 9 =$	
5) $7 \times 3 =$		20) $7 \times 1 =$	
6) $7 \times 6 =$		21) $7 \times 12 =$	
7) $7 \times 4 =$		22) $7 \times 5 =$	
8) $7 \times 1 =$		23) $7 \times 9 =$	
9) $7 \times 5 =$		24) $7 \times 10 =$	
10) 7×6			
11) 7×4			
12) 7×11			
13) 7×4			
14) 7×12			
15) 7×8			

Turn arounds x7

51) $11 \times 7 =$		66) $3 \times 7 =$	
52) $2 \times 7 =$		67) $1 \times 7 =$	
53) $8 \times 7 =$		68) $10 \times 7 =$	
54) $4 \times 7 =$		69) $8 \times 7 =$	
55) $3 \times 7 =$		70) $5 \times 7 =$	
56) $2 \times 7 =$		71) $1 \times 7 =$	
57) $1 \times 7 =$		72) $2 \times 7 =$	
58) $6 \times 7 =$		73) $5 \times 7 =$	
59) $9 \times 7 =$		74) $6 \times 7 =$	

Write the mi...

31) $7 \times$			
32) $7 \times$			
33) $7 \times$			
34) $7 \times \_\_ = 35$	39) $7 \times \_\_ = 7$		
35) $7 \times \_\_ = 42$	40) $7 \times \_\_ = 63$		

			$= 0$
			$= 28$
			$= 70$
84) $\_\_ \times 7 = 49$	89) $\_\_ \times 7 = 35$		
85) $\_\_ \times 7 = 56$	90) $\_\_ \times 7 = 42$		

Subtraction revision

41) $8 - 6 =$		46) $4 - 2 =$	
42) $14 - 7 =$		47) $12 - 6 =$	
43) $9 - 7 =$		48) $12 - 9 =$	
44) $15 - 8 =$		49) $17 - 8 =$	
45) $6 - 3 =$		50) $12 - 5 =$	

Multiplication revision

91) $7 \times 3 =$		96) $7 \times 5 =$	
92) $7 \times 9 =$		97) $5 \times 6 =$	
93) $11 \times 3 =$		98) $10 \times 5 =$	
94) $11 \times 6 =$		99) $12 \times 4 =$	
95) $12 \times 6 =$		100) $10 \times 4 =$	

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day Level 2: Multiplication Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. 7x tables (number facts) are a difficult set of facts, which can be learned with a BUILDING FROM KNOWN FACTS strategy: eg, 6x7 = 6x6 + 6 more = 42. NB: All 7x facts will have been covered in other sets by this stage. The Revision section includes questions from previous number facts. Have the students record their time taken to complete the page.