

## Sheet 17 COMBINED OPERATIONS

*ORDER OF OPERATIONS*      *Examples*  $50 - 4 \times (19 - 7)$

1. Deal with brackets                       $50 - 4 \times 12$

2. Divide and multiply                       $50 - 48$

3. Add and subtract                         2

Work out. Show your working as in the example.

1  $(25 + 35) \div (5 + 7)$

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4  $100 - (8 + 7) \times 5$

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7  $72 \div (24 - 6) + 16$

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2  $(25 + 35) \div 5 + 7$

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5  $(35 - 11) \times 4 + 9$

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8  $0.8 \times 5 + 20 \div 4$

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3  $25 + 35 \div 5 + 7$

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6  $(19 + 15) \times (10 - 3)$

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9  $7 + 14 \div (14 - 7)$

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Put the brackets in the right place to make the calculations correct.

10  $2 \times 3 + 4 = 14$

14  $9 \times 5 - 2 = 27$

18  $20 - 15 \div 5 = 1$

11  $72 \div 12 \times 3 = 18$

15  $20 \div 5 - 1 = 3$

19  $2 - 0.5 \times 3 = 0.5$

12  $5 \times 7 - 3 = 20$

16  $4 + 8 \times 2 = 24$

20  $12 + 8 \div 4 = 14$

13  $16 + 8 \div 2 = 12$

17  $90 \div 10 + 5 = 6$

21  $4 \times 6 + 2 = 26$