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# MATHEMATICS PREPARATION WORKBOOK

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ANSWERS

FP14 BUSINESS MANAGEMENT

UNIVERSITY OF WARWICK

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# Order of operations

## Answers

1 18

2 13

3  $(17 - 5) \times 2 + 4 = 28$

4 1

5 16

# Rounding

## Answers

- |          |    |                 |    |                 |
|----------|----|-----------------|----|-----------------|
| <b>1</b> | a) | 249.5 (1 d.p.)  | b) | 249.50 (2 d.p.) |
| <b>2</b> | a) | 0.958 (3 d.p.)  | b) | 1.0 (1 d.p.)    |
| <b>3</b> | a) | 598.09 (2 d.p.) | b) | 598.1 (1d.p.)   |
| <b>4</b> | a) | 98,300 (3 s.f.) | b) | 98,000 (2 s.f.) |
| <b>5</b> | a) | 4 (1 s.f.)      | b) | 3.5 (2 s.f.)    |





# Ratio and Proportion

1 a) 2 : 3            b) 3 : 4            c) 1 : 2 : 3

2 5 : 9

3 8 : 9

4 10 litres of red paint

5 £15