ACE Examination 2016

Year 8 Mathematics Yearly Examination

Mapping grid

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| --- | --- | --- | --- |
| **Question** | **Mark** | **Content** | **Band** |
| **Section 1** | | | |
| 1 | 1 | Number and place value | 1-2 |
| 2 | 1 | Geometric reasoning | 1-2 |
| 3 | 1 | Linear and non-linear relationships | 1-2 |
| 4 | 1 | Money and financial mathematics | 3-4 |
| 5 | 1 | Chance | 2-3 |
| 6 | 1 | Linear and non-linear relationships | 2-3 |
| 7 | 1 | Percentages | 2-3 |
| 8 | 1 | Real numbers | 3-4 |
| 9 | 1 | Pythagoras and trigonometry | 3-4 |
| 10 | 1 | Real numbers | 2-3 |
| 11 | 1 | Using units of measurement | 2-3 |
| 12 | 1 | Fractions and decimals | 3-4 |
| 13 | 1 | Linear and non-linear relationships | 3-4 |
| 14 | 1 | Money and financial mathematics | 3-4 |
| 15 | 1 | Geometric reasoning | 2-3 |
| 16 | 1 | Number and place value | 3-4 |
| 17 | 1 | Data representation and interpretation | 4-5 |
| 18 | 1 | Using units of measurement | 4-5 |
| 19 | 1 | Chance | 3-4 |
| 20 | 1 | Linear and non-linear relationships | 5-6 |

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| **Section 2 Part A** | | | |
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| 21(b) | 1 | Real numbers | 2-3 |
| 21(c) | 1 | Number and place value | 1-2 |
| 21(d) | 1 | Patterns and algebra | 2-3 |
| 21(e) | 1 | Using units of measurement | 2-3 |
| 22(a) | 1 | Geometric reasoning | 3-4 |
| 22(b) (i) | 1 | Linear and non-linear relationships | 3-4 |
| 22(b) (ii) | 1 | Linear and non-linear relationships | 4-5 |
| 22(c) (i) | 1 | Using units of measurement | 1-2 |
| 22(c) (ii) | 1 | Using units of measurement | 3-4 |
| 23(a) (i) | 1 | Data representation and interpretation | 3-4 |
| 23(a) (ii) | 1 | Data representation and interpretation | 4-5 |
| 23(b) (i) | 1 | Patterns and algebra | 2-3 |
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| 23(c) | 1 | Money and financial mathematics | 3-4 |
| 24(a) | 1 | Money and financial mathematics | 4-5 |
| 24(b) | 1 | Geometric reasoning | 3-4 |
| 24(c) | 1 | Using units of measurement | 4-5 |
| 24(d) | 1 | Pythagoras and trigonometry | 4-5 |
| 24(e) | 1 | Linear and non-linear relationships | 5-6 |
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| 25(a) | 1 | Patterns and algebra | 4-5 |
| 25(b) | 1 | Data representation and interpretation | 4-5 |
| 25(c) | 2 | Geometric reasoning | 5-6 |
| 25(d) | 1 | Data representation and interpretation | 5-6 |
| 26(a) | 1 | Data representation and interpretation | 5-6 |
| 26(b) | 2 | Linear and non-linear relationships | 5-6 |
| 26(c) (i) | 1 | Patterns and algebra | 5-6 |
| 26(c) (ii) | 1 | Patterns and algebra | 5-6 |