



THIRD SPACE
LEARNING

Mathematics Paper Index Foundation Tier

Edexcel

SET 1B

The resource in a nutshell

This resource summarises the GCSE maths advance information provided by **Edexcel** for the 3 foundation papers.

The topics in **bold** show which topics appear on both foundation and higher papers.

Numbers in **bold** show how the question numbers in the example papers relate to the specific topics detailed in the advance information for the November 2022 exam series.

The 3 practice papers in this pack are based on the topics from the advanced information for the November 2022 exam series.

Please note, the papers are an example to help revision, these topics can be tested in other ways and other topics may be included in the actual papers.

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The topics in **bold** appear on both the foundation and higher papers. The numbers in **bold** show the question number that the topic relates to.

	Number	Ratio	Algebra	Geometry	Probability	Statistics
Paper 1	<ul style="list-style-type: none"> • Money <u>11</u> • Multiplication of decimals <u>25</u> • Decimal to fraction <u>4</u> • Fraction of an amount <u>6</u> • Fraction arithmetic <u>22</u> • One amount as fraction of another <u>10</u> • Order of operations <u>8</u> • Factors <u>1</u> • Product of prime factors <u>21</u> • Positive integer powers <u>2</u> • Laws of indices <u>20</u> 	<ul style="list-style-type: none"> • Length, time conversions <u>9, 15</u> • Scale drawing <u>9</u> • Percentage of an amount <u>6</u> • One quantity as a percentage of another <u>18</u> • Write as a ratio <u>18, 24</u> • Share in a ratio <u>18</u> • Use of ratio <u>9, 24</u> • Direct proportion <u>13, 22</u> • Speed <u>15</u> • Pressure <u>25</u> 	<ul style="list-style-type: none"> • Simplification <u>3</u> • Factorise quadratic <u>17</u> • Linear equation <u>14</u> • Form an equation <u>14</u> • Linear inequality <u>12</u> • Coordinates <u>7</u> • Midpoint <u>7</u> 	<ul style="list-style-type: none"> • Transformations <u>19</u> • Angles at a point <u>14</u> • Perimeter <u>11</u> • Area of a rectangle <u>25</u> 	<ul style="list-style-type: none"> • Probability scale <u>5</u> • Probability <u>16</u> 	<ul style="list-style-type: none"> • Composite bar chart <u>10</u> • Mode <u>16</u> • Infer properties of population <u>23</u>
Paper 2	<ul style="list-style-type: none"> • Money <u>7</u> • Fraction of an amount <u>11</u> • Order fractions <u>9</u> • Place value <u>6</u> • Order integers <u>1</u> • Reciprocal <u>4</u> • Error interval <u>16</u> 	<ul style="list-style-type: none"> • Length, time conversions <u>2, 15</u> • Percentage as a fraction <u>3</u> • Percentage of an amount <u>11</u> • Reverse percentage <u>23</u> • Direct proportion <u>13, 21</u> • Inverse proportion <u>15</u> • Compound interest <u>23</u> 	<ul style="list-style-type: none"> • Substitute values <u>12</u> • Simplification <u>8</u> • Expand bracket <u>8</u> • Form an expression <u>14</u> • Linear equation <u>14</u> • Quadratic equation <u>8</u> • Coordinates <u>22</u> • Quadratic graph <u>22</u> • nth term of a linear sequence <u>17</u> 	<ul style="list-style-type: none"> • Plan and elevation <u>19</u> • Measure an angle <u>5</u> • Measure a length <u>5</u> • Area of a rectangle <u>18</u> • Area of a triangle <u>18</u> • Area of a sector <u>18</u> • Trigonometry <u>24</u> 		<ul style="list-style-type: none"> • Bar chart <u>11</u> • Stem and leaf diagram <u>10</u> • Scatter graph <u>20</u> • Median <u>10</u> • Mean <u>10</u>
Paper 3	<ul style="list-style-type: none"> • Money <u>11, 25</u> • Fraction to decimal <u>9</u> • Fraction of an amount <u>1</u> • Order decimals <u>4</u> • Place value <u>5</u> • Multiples <u>2</u> • Standard form conversion <u>21</u> • Standard form calculation <u>21</u> • Rounding <u>6</u> • Calculator use <u>6</u> 	<ul style="list-style-type: none"> • Mass, volume, speed conversions <u>3, 10, 25</u> • Write as a ratio <u>18, 24</u> • Share in a ratio <u>18</u> • Use of ratio <u>18</u> • Direct proportion <u>8</u> • Speed <u>10</u> 	<ul style="list-style-type: none"> • Change subject of a formula <u>22</u> • Coordinates • Straight line graph <u>13</u> • Conversion graph <u>14</u> • Travel graph <u>10</u> • Terms of a sequence <u>7</u> 	<ul style="list-style-type: none"> • Transformations <u>13</u> • Similar triangles <u>19</u> • Angles in a triangle <u>19</u> • Angles in a quadrilateral <u>12</u> • Volume of a cuboid <u>15</u> • Volume of a cylinder <u>23</u> • Column vectors <u>16</u> • Diagrammatic representation of vector <u>16</u> 	<ul style="list-style-type: none"> • Frequency tree <u>18</u> • Tree diagram <u>24</u> • Combined events <u>24</u> 	<ul style="list-style-type: none"> • Interpret graph <u>10, 14</u> • Pie chart <u>17</u> • Mean <u>20</u>

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☎ 0203 771 0095