

## Queensland

### Curriculum documents:

<http://www.qsa.qld.edu.au/assessment/3160.html>

### Levels:

Years 3, 5, 7, 9

### Strands:

Ways of working (WOW); Knowledge and understanding (KU).

Knowledge and Understanding consists of: Number (5.1); Algebra (6.2); Measurement (1.3); Chance and data (2.4); Space (3.5).

Thus, for example, 3.KU.5.1.1 denotes the first Essential Learning from the Number strand of Knowledge and understanding for Year 3.

The curriculum documents cited above do not use codes for individual Essential Learnings. The codings used derive from QSA's computer-based curriculum auditing tool APEL (<http://www.qsa.qld.edu.au/apel.html>).

A few questions match more than one Essential Learning: in those cases '/' is used as a divider between two possible Essential Learnings.

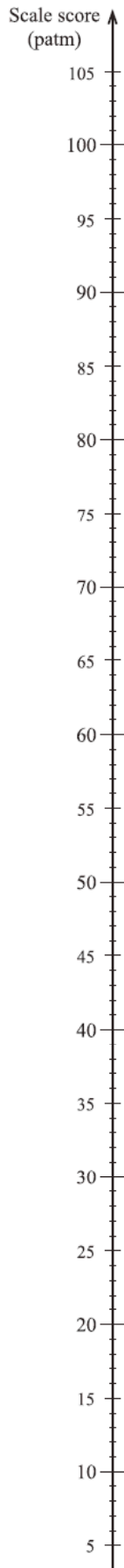
A few questions cannot be unambiguously matched to a particular Essential Learning: in those cases '?' is used to show that the match is the best available.

Replacement text for PATMaths 3rd Edition p.80

Queensland: QCAR Essential Learnings for the eight <i>PATMaths Third Edition</i> tests								
Question no.	Test A	Test 1	Test 2	Test 3	Test 4	Test 5	Test 6	Test 7
1	3.KU.5.1.1	3.KU.5.1.1	5.KU.5.1.1	7.KU.5.1.5	7.KU.1.3.2 / 7.KU.5.1.2	5.KU.1.3.4 / 5.KU.5.1.5	7.KU.5.1.1	7.KU.5.1.1
2	3.KU.5.1.9	3.KU.5.1.4	5.KU.5.1.3	5.KU.6.2.2	7.KU.5.1.3	7.KU.5.1.3	7.KU.5.1.5	7.KU.5.1.3
3	3.KU.5.1.3	5.KU.5.1.3	5.KU.5.1.3	3.KU.5.1.5	7.KU.5.1.1	7.KU.5.1.2	7.KU.5.1.2	7.KU.5.1.2
4	3.KU.5.1.1	5.KU.5.1.3	5.KU.5.1.3	3.KU.5.1.5	5.KU.5.1.4	7.KU.5.1.1	7.KU.5.1.4	7.KU.5.1.6
5	3.KU.5.1.1	3.KU.5.1.3	7.KU.5.1.3	5.KU.5.1.3	7.KU.5.1.5	7.KU.5.1.1	7.KU.5.1.5	7.KU.5.1.2
6	5.KU.5.1.3	5.KU.5.1.1	5.KU.5.1.6	5.KU.5.1.1	5.KU.6.2.3	5.KU.5.1.6 / 5.KU.5.1.5	7.KU.5.1.2	7.KU.5.1.3
7	5.KU.5.1.5	3.KU.5.1.9	3.KU.5.1.3	5.KU.5.1.3	5.KU.5.1.1	7.KU.5.1.1?	7.KU.5.1.2	5.KU.5.1.7
8	3.KU.5.1.4	5.KU.5.1.6	3.KU.5.1.1	5.KU.5.1.1	7.KU.5.1.3	5.KU.5.1.1	9.KU.5.1.6	7.KU.5.1.3
9	5.KU.5.1.3	5.KU.5.1.3	5.KU.5.1.6	7.KU.5.1.3	7.KU.5.1.1	7.KU.5.1.3	7.KU.5.1.4	9.KU.5.1.1
10	5.KU.5.1.1	3.KU.5.1.1	3.KU.5.1.1	5.KU.5.1.1	5.KU.5.1.7 / 7.KU.5.1.5	7.KU.5.1.2	7.KU.5.1.1	7.KU.5.1.1
11	3.KU.5.1.4	5.KU.5.1.6	5.KU.5.1.5	5.KU.5.1.6	7.KU.5.1.1?	5.KU.5.1.8	5.KU.3.5.4	7.KU.1.3.2
12	3.KU.3.5.2	5.KU.5.1.6	5.KU.5.1.6	5.KU.5.1.3	7.KU.5.1.5	5.KU.6.2.3	5.KU.3.5.4	5.KU.3.5.6
13	3.KU.3.5.1	5.KU.5.1.5	5.KU.5.1.1	7.KU.5.1.5	5.KU.3.5.4	5.KU.3.5.4	5.KU.3.5.4	7.KU.1.3.4
14	5.KU.3.5.5	5.KU.5.1.5	3.KU.3.5.1	7.KU.6.2.2	7.KU.3.5.3	7.KU.3.5.7	7.KU.3.5.5	5.KU.3.5.1
15	3.KU.1.3.4	5.KU.5.1.5	5.KU.3.5.4	5.KU.3.5.4	7.KU.3.5.7	5.KU.3.5.5	9.KU.3.5.2	7.KU.3.5.7
16	3.KU.1.3.1	5.KU.3.5.5	3.KU.3.5.3	5.KU.3.5.1	5.KU.3.5.2	5.KU.3.5.4	5.KU.3.5.6	9.KU.3.5.1
17	3.KU.1.3.3	3.KU.3.5.1	3.KU.3.5.1	5.KU.3.5.3	3.KU.3.5.4	5.KU.3.5.1	7.KU.3.5.3	7.KU.3.5.3
18	3.KU.2.4.3	3.KU.3.5.1	3.KU.3.5.2	5.KU.3.5.3	5.KU.3.5.4	5.KU.3.5.6	7.KU.1.3.2	9.KU.3.5.6
19	3.KU.2.4.3	3.KU.3.5.1	3.KU.3.5.2	5.KU.3.5.4	5.KU.3.5.3	5.KU.3.5.5	7.KU.1.3.1	7.KU.1.3.4
20	3.KU.2.4.3	3.KU.3.5.1	3.KU.1.3.3	3.KU.3.5.4	5.KU.1.3.3	7.KU.1.3.1	7.KU.1.3.2	7.KU.1.3.4
21		3.KU.1.3.2	3.KU.1.3.1	5.KU.1.3.3	5.KU.1.3.3	5.KU.1.3.3	7.KU.1.3.4	7.KU.1.3.4
22		3.KU.1.3.3	5.KU.3.5.4	5.KU.1.3.2	5.KU.1.3.1	5.KU.1.3.4	7.KU.1.3.1	7.KU.1.3.4
23		3.KU.1.3.1	3.KU.5.1.6	7.KU.1.3.1	5.KU.1.3.1	5.KU.1.3.1	7.KU.1.3.1	7.KU.1.3.4
24		3.KU.1.3.3	7.KU.1.3.1	5.KU.1.3.3	5.KU.1.3.3	7.KU.1.3.4	7.KU.1.3.1	7.KU.1.3.4
25		3.KU.1.3.3	3.KU.3.5.2	5.KU.1.3.5	5.KU.1.3.2	7.KU.1.3.2	7.KU.1.3.4	7.KU.1.3.4
26		3.KU.2.4.3	3.KU.2.4.1	5.KU.1.3.2	5.KU.1.3.4	7.KU.1.3.2	7.KU.1.3.2	7.KU.1.3.4
27		3.KU.2.4.2	3.KU.2.4.4	5.KU.2.4.1	7.KU.2.4.1	5.KU.2.4.3	7.KU.2.4.1	7.KU.2.4.6
28		3.KU.2.4.4	3.KU.2.4.4 / 3.KU.5.1.5	5.KU.2.4.3	7.KU.2.4.1	5.KU.2.4.3	7.KU.2.4.1	7.KU.2.4.3
29		3.KU.2.4.4	3.KU.2.4.4	5.KU.2.4.3	5.KU.2.4.2	5.KU.2.4.3	7.KU.2.4.6	5.KU.2.4.3
30		3.KU.2.4.4	5.KU.2.4.1	5.KU.2.4.3	7.KU.2.4.1	7.KU.2.4.1	7.KU.2.4.1	9.KU.2.4.3
31		5.KU.5.1.5	3.KU.5.1.7	3.KU.2.4.1	7.KU.2.4.1?	7.KU.2.4.1	7.KU.2.4.6	7.KU.2.4.1
32		3.KU.5.1.4	3.KU.5.1.4	3.WOW.4.0.4	5.KU.5.1.5	7.KU.2.4.6	5.KU.2.4.2	7.KU.2.4.6
33		3.KU.5.1.5	5.KU.5.1.8	5.KU.6.2.4	7.KU.5.1.5	5.KU.5.1.5	9.KU.5.1.1	7.KU.2.4.1
34		5.KU.5.1.6	5.KU.5.1.5	7.KU.6.2.2	7.KU.5.1.5	7.KU.5.1.5	5.KU.5.1.5	9.KU.5.1.1
35		3.KU.5.1.4	5.KU.5.1.5	5.KU.5.1.5	5.KU.5.1.6	5.KU.5.1.6	9.KU.6.2.4	7.KU.6.2.2
36			5.KU.5.1.6	5.KU.5.1.5	5.KU.5.1.5	7.KU.6.2.2	7.KU.6.2.2	9.KU.6.2.4
37				7.KU.5.1.5	5.KU.5.1.6	9.KU.5.1.1	5.KU.6.2.3	9.KU.6.2.4
38					7.KU.5.1.5	7.KU.5.1.5	5.KU.6.2.3	9.KU.6.2.4
39						7.KU.6.2.2	9.KU.6.2.2	7.KU.6.2.2
40							9.KU.6.2.2	7.KU.6.2.2
41								9.KU.6.2.2

For the key to the Qld strand codes, see p. 75.

Queensland Descriptive Report



Qld  
Essential  
Learnings  
Year Levels

*At the level of ability shown a student is typically able to*

compare sizes of fractions, decimals and percentages; explain how to apply a 50% increase; choose the box with dimensions or markings that matches a given net; solve a multi-step problem involving rates; find area and perimeter of compound shapes; calculate the volume of a cuboid; recognise the relationship between circumference and diameter of a circle; calculate the side length of a right-angle triangle; interpret grouped data in a column graph; interpret data shown in a boxplot; recognise an event with probability closest to 1; add or remove brackets in simple algebraic expressions; apply a rule to extend a number sequence; express a word problem as an equation;

*and also*

express 7-digit numbers in words; put integers in order; perform single-digit division with remainder; add or subtract decimal numbers with regrouping; convert fractions and decimals to percentages; recognise square root as inverse of squaring; recognise a prism from its description; work out a path using compass directions (NSEW); extend a calendar to the next month; find the perimeter of a rectangle given its area; interpret a line graph; find the mean of a set of numbers; compare outcomes of random selections; read grouped data from a column graph; solve a linear equation in two steps;

*and also*

put whole numbers and decimals in order; solve word problems involving simple fractions or proportions, multiplication or division; recognise the mirror image and symmetry of a picture or a 2D shape; work out how many cubes are needed to complete a 3D model; follow map directions using 'turn right', 'turn left'; use scale to find distance on a map; convert a time given in fractions of an hour to minutes; estimate capacity of a familiar object; find volumes by counting unit cubes, visible and hidden; interpret data presented in a bar chart; read a line graph; work out the chance of a given random selection;

*and also*

round large numbers to the nearest million; put 3-digit numbers in order; count by thirds; locate integers on a number line; apply 'tables' facts to division; apply simple percentages; calculate change from \$1 and \$2; add dollars and cents with regrouping; complete a pattern using symmetry; recognise a 2D shape from a list of its properties; match digital time to clock face time; convert 12-hour time to 24-hour time; read a calendar; find areas by counting squares and part squares; compare information given in a pictograph or column graph; recognise possible outcomes from a familiar event;

*and also*

write 4-digit numbers in words; count by fours from any starting number; add 2-digit and 3-digit numbers; solve simple number problems using +, -, ×; reorient 2D shapes so that they will fit together; recognise a model from different viewpoints; find a map location using coordinates; recognise the smallest area on a square grid; match a tally to a column graph; recognise the most likely event; recognise the most frequent score in a set of scores; decide the most likely result of a random selection;

*and also*

put 2-digit numbers in order; count backwards by tens; recognise a half and a third of a set; recognise percentages shown on a hundreds grid; calculate half of a small number; use place values of 'tens' and 'ones' correctly; use coins to make up a specified amount of money; recognise a cylinder and a cone; draw a line of symmetry on a simple 2D shape; recognise a 2D shape from a description of its sides, corners; recognise the appropriate unit for a quantity of liquid; read a simple pictograph or column graph; recognise the most frequent item in a list.

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