## Functional Skills in Mathematics Level 2 - Mark scheme

Sample Assessment Materials - Paper: RFSML2SAM01

| Task 1 NC | Process <br> (Task description) | Total mark | Mark allocation | Comments | PS or US | Subject content |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Question 1 | Correct addition of fractions <br> Correct mileage | 2 | 1 mark: Correct addition of two or more fractions or mixed numbers, eg $11 / 2+3 / 4=21 / 4$ |  | US | 7b |
|  |  |  | 1 mark: Calculate total mileage ie $4 \frac{1}{6}$ miles | Accept 4.16, 4.17 | US | 7b |
| Question 2 | Correct order | 1 | 1 mark: 3/8, 5/8, 3/4, 7/6, 4/3 | Do not accept largest to smallest. Accept 1 1/6 and 1 1/3. | US | 7a |
| Question 3 | Correct division | 1 | $\begin{array}{\|l\|} \hline \text { 1 mark: } \\ 273696 \div 24=11404 \\ \hline \end{array}$ |  | US | 2 |
| Question 4 | Use formula to calculate surface area Correct answer with units | 2 | $\begin{aligned} & 1 \text { mark: } 15 \times 15=(225) \\ & 225 \times 6=(1350) \end{aligned}$ |  | US | 17b |
|  |  |  | 1 mark: $1350 \mathrm{~cm}^{2}$ | Must show units | US | 17b |
| Question 5a | Use scale accurately <br> Correct length in metres | 2 | 1 mark: Valid method to calculate length, eg $7.5 \times 1500=(11250)$ OR $1.5 \times 7.5=(11.25)$ OR <br> Other valid method | May be implied if 11.25 seen | PS | 18a |
|  |  |  | 1 mark: correct length shown ie 11.25 (m) | Units not required | PS | 18a |
| Question 5b | Method to find area of patio | 3 | 2 marks: Valid method to find the area of the trapezium eg $\begin{aligned} & 1 / 2(8.4+6.6) \times 4=(30) \text { OR } \\ & (8.4 \times 4)-(1 / 2 \times 1.8 \times 4) \text { OR } \\ & (6.6 \times 4)+(1 / 2 \times 1.8 \times 4) \text { OR } \end{aligned}$ <br> Other valid method | Award 1 mark for correct area of triangle, $3.6 \mathrm{~m}^{2}$ | PS | 16b |
|  | Correct area of patio |  | 1 mark: Overall area of patio, ie $30 \mathrm{~m}^{2}$ | Units required | PS | 16b |

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| Question 5c | Calculate amount of dry mixture | 4 | 1 mark: Calculate total amount of dry mixture required, eg $30 \times 20 \mathrm{~kg}=600 \mathrm{~kg}$. | Allow FT for their area. | PS | 11a |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Understanding of ratio shown |  | 1 mark: Evidence of understanding of correct use of ratio, eg <br> 1 in 6 OR 1/6 ${ }^{\text {th }}$ OR 6 parts seen OR 20/6 OR other valid calculations of ratio. | Award if 3.33 seen Award if 100 seen | PS | 11a |
|  | Method to calculate number of bags of cement |  | 1 mark: Method to calculate no of bags of cement, eg $\begin{aligned} & (600 \times 1 / 6) \div 25 \text { OR } \\ & 600 \div 6 \div 25 \text { OR } \\ & 3.33 \times 30 \text { AND } 99.99 \div 125 \end{aligned}$ <br> OR <br> equivalent valid calculation. | Allow FT for their amount of dry mix. | PS | 11a |
|  | Correct number of bags of cement |  | 1 mark: Correct answer, ie 4 bags. | Allow FT for their amount of dry mix | PS | 11a |

AWARDS

| Task 2 | Process <br> (Task description) | Total mark | Mark allocation | Comments | PS or US | Subject content |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Question 6 | Calculate total budget for house | 5 | $\begin{aligned} & 1 \text { mark: }((28145 \times 3.5)+4875)=(£) 103 \\ & 382.50 \end{aligned}$ | Accept 103382.5 | PS | 2 |
|  | Method to convert distance |  | 1 mark: 0.6 (m) x 1.6 = (0.96 km) | Accept any valid method to convert distance from miles to km <br> Implied if 0.96 seen | PS | 14a |
|  | Interpret scatter graph |  | 1 mark: Identify cost of available house at required distance from station = | Allow between 105000 and 107000 <br> Award mark if implied by explanation. | PS | 28b |
|  | Correct final answer and reason |  | 1 mark: No (with valid calculations) <br> 1 mark: for valid reason, eg because he needs $£ 105000$ but he can only afford $£ 103$ 382.50 | Accept second mark for reason on FT if a correct reason is given based on their calculations. | PS | 28b |
| Question 7 | Find the mode | 1 | 1 mark: Correct mode, ie 11 |  | US | 23b |
| Question 8 | List in order of size <br> Correct median | 2 | 1 mark: Correct order ie: 99.51010 .511121523 |  | US | 23a |
|  |  |  | 1 mark: Correct median, ie 10.75. |  | US | 23a |
| Question 9 | Calculate time taken to walk <br> Correct time for leaving house | 2 | 1 mark: Correct calculation of the time to walk to the station, eg 2 miles at $3 \mathrm{mph}=2 \div 3 \times 60=40 \mathrm{mins}$ | Accept 0.66 hours. | PS | 15a |
|  |  |  | 1 mark: Correct time to leave home, ie 9.22(am) |  | PS | 15a |

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| Question 10 | Method to calculate compound interest <br> Correct interest after 3 years for Money Saver | 5 | 1 mark: Correct calculation of interest 1.75\% of $£ 8500$ eg <br> $0.175 \times 8500=(£) 148.75$ for Money Saver | Award if 8648.75 or 8954.10 seen | PS | 13a |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2 marks: Correct calculation for compound interest used to find Money Saver balance | Award 1 mark for correct balance of Money Saver | PS | 13a |
|  |  |  | after 3 years, eg <br> Correct amount after 1 year ie $8500+148.75$ $=(£) 8648.75$ then Correct amount after 2 years ie 8648.75 + $151.35=(£) 8800.10$ then <br> Correct amount after 3 years ie $8800.10+$ $154.00=(£) 8954.10$ | account after 2 years. <br> Award 2 marks if 8954.10 seen. <br> Award 1 mark for correct method. <br> Allow FT for their interest. Units not required. | PS | 13a |
|  | Correct interest for Bonus Saver Difference in total balances |  | 1 mark: Correct answer for Bonus Saver ie (£)8946.25 | Units not required | PS | 13b |
|  |  |  | 1 mark: £7.85 |  | PS | 13a |
| Task 3 | Process <br> (Task description) | Total mark | Mark allocation | Comments | PS or US | Subject content |
| Question 11 | Correct substitution Correct answer to part in brackets | 3 | 1 mark: Correct substitution into formula. |  | US | 3 |
|  |  |  | $\begin{array}{\|l\|} \hline 1 \text { mark: } \\ 0.2 \text { OR } \\ 1 / 5 \text { OR } \\ 1 / 25 \text { seen. } \\ \hline \end{array}$ | May be implied if 4 seen | US | 12 |
|  | Correct \% given |  | 1 mark: 4 | \% sign not required | US | 12 |
| Question 12a | Method to calculate sun hours in 2017 <br> Find total sun hours except Dec 2017 <br> Subtraction | 3 | 1 mark: Valid method to calculate 2017 sun hours from the given mean, eg $94.5 \times 12$ months = 1134 | May be implied if 31 seen. | PS | 25 |
|  |  |  | $\begin{aligned} & 1 \text { mark: Add } 47+61+119+128+214+ \\ & 108+144+126+94+56+6(=1103) \end{aligned}$ | May be implied if 31 seen. | PS | 25 |
|  |  |  | 1 mark: 1134-1103 =31 OR Other valid calculation method AND 'Yes, Raheema is correct' | Do not award if 31 not seen. | PS | 25 |

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| Question 12b | Correct year identified by comparing ranges | 1 | ```1 mark: 2017 Eg 206-21 = 185 AND 214-6 = 208``` | Do not award if no supporting calculations of range. | PS | 25 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Question 12c | Correct kWh calculated <br> Correct kWh per month <br> Correct cost of electricity | 3 | 1 mark: Correct number of kWh ie. $1.225 \div 1.09=1.123853211009174$ | Award for rounding to 2 or 3 dp , ie 1.12 OR 1.124 | PS | 10d |
|  |  |  | 1 mark: Correct number of kWh in June, ie $1.123853211009174 \times 108=121.376146789$ | Allow FT from their number of kWh <br> Allow FT for rounded figures, eg $1.124 \times 108=121.392$ <br> $1.12 \times 108=120.96$ | PS | 10c |
|  |  |  | 1 mark: Correct cost of electricity, ie $121.376146789 \times 0.143=(£) 17.35 \mathrm{OR}$ £17.36 | Allow FT for rounded figures to 2 or 3 dp , eg $\begin{aligned} & 120.96 \times 0.143=(£) 17.29 \text { OR } \\ & 17.30 \\ & 121.392 \times 0.143=(£) 17.36 \\ & 121.4 \times 0.143=17.36 \end{aligned}$ | PS | 10c |
|  |  |  |  | Allow for rounding. <br> Do not award for more or less than 2 dp . |  |  |


| Question 12d | Method to calculate volume <br> Correct volume | 5 | 1 mark: Valid method $3.14 \times 0.4 \times 0.4 \times 1=$ (0.5024) | Must be consistent units. Do not award for use of diameter. | PS | 17a |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1 mark: Correct answer $=0.5024$ <br> Accept $0.502-0.503$ <br> Can use range of 3.14 to 3.142 for pi. | May be implied if 0.5024 seen. | PS | 17a |
|  | Method to convert volume to gallons <br> Correct number of gallons <br> Valid explanation given |  | 1 mark: Method to convert volume to gallons, $\mathrm{eg}=0.5024 \times 219.97$ | Allow FT for their volume. May be implied if 110.51 gallons seen. | PS | 14c |
|  |  |  | 1 mark: Correct number of gallons $=110.51$ (gallons) |  | PS | 14c |
|  |  |  | 1 mark: Valid explanation, eg "'Yes, she is correct, the container will hold more than 100 gallons". | Accept other valid answers. Do not accept 'yes' without supporting calculations. <br> Allow FT for incorrect volume or number of gallons. | PS | 17a |
| Task 4 | Process <br> (Task description) | Total mark | Mark allocation | Comments | PS or US | Subject content |
| Question 13 | Plot coordinate on grid | 1 | 1 mark: Point plotted correctly on graph |  | US | 19 |
| Question 14 | Calculate the decimal <br> Convert to fraction in simplest form | 2 | 1 mark: correct calculation of decimal, ie $(144 \div 240=0.6)$ converted to $6 / 10$ |  | US | 8 |
|  |  |  | 1 mark: 3/5 |  | US | 8 |


| Question 15a | Correct entry fees and percentage <br> Calculate the ratio <br> Calculate total income <br> Calculate total profit | 4 | 1 mark: Complete entry fees in table, ie $£ 300$ and $25 \%$ | May be implied if 1200 or 228 or 384 or 108 or 180 seen. | PS | 11b |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1 mark: Find appropriate ratio, ie $£: \%$ as $300: 25$ OR 12:1 or $300 \times 4$. | May be implied if 1200 or 228 or 384 or 108 or 180 seen. | PS | 11b |
|  |  |  | 1 mark: Find total income, ie (£) 1200 . | Units not required. | PS | 11b |
|  |  |  | 1 mark: Calculate total profit, ie $1200-175-85=(£) 940$ | Allow FT using their total income figure. <br> Units not required. | PS | 11b |
| Question 15b | Correct circumference <br> Correct ribbon length for 15 cakes <br> Calculate extra 12.5\% | 5 | 1 mark: Correct circumference of a cake, eg $2 \times 80 \times 3.14=502.4 \mathrm{~mm}$, accept 502-503mm | May be implied if $502-503$ seen. May use metres or cm eg 8 cm or 0.08 m | PS | 16a |
|  |  |  | 1 mark: Calculate ribbon length for 15 cakes, ie $502.4 \times 15=7536 \mathrm{~mm}$ | Alt method 12.5\% first then $\times 15$ | PS | 16a |
|  |  |  | 1 mark: Calculate $112.5 \%$, eg $7536 \times 1.125$ OR equivalent $=8478(\mathrm{~mm})$ <br> Accept 8475-8481(mm). | Award if correct answer seen | PS | 6 |
|  | Rounded length <br> Calculate cost |  | 1 mark: 9(m) required | Units not required. <br> Award if correct answer seen | PS | 6 |
|  |  |  | 1 mark: correct calculation of cost, eg $9(\mathrm{~m}) \times £ 4.95=£ 44.55$ |  | PS | 6 |


| Question 15c | Probability of winning a prize and of spin made by a girl | 3 | 1 mark: Correct probability of a spin winning a prize given, eg 1/3 OR 4/12 <br> AND Correct probability of a spin being made by a girl, ie $1 / 2$ or 0.5 | May be implied if $1 / 6^{\text {th }}$ seen. | PS | 27a |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Method to calculate probability of 2 events Correct probability of 2 events |  | 1 mark: Method to calculate probability of a person being a girl and winning a prize, ie $1 / 3 \times 1 / 2=$ OR $0.5 \times 0.33=$ | Allow FT for their two individual probabilities. <br> May be implied if $1 / 6^{\text {th }}$ seen. | PS | 26 |
|  |  |  | 1 mark - Correct probability of 2 events, ie 1/6 OR 0.166 OR 16.6\% | Allow FT for their two individual probabilities. | PS | 26 |

## Annotation notes:

| Annotation | Meaning |
| :--- | :--- |
| US | Underpinning skills |
| PS | Problem solving skills |
| FT | Follow through |
| $(\ldots)$ | Information that is not required for the mark point |

AWARDS

## Functional Skills in Mathematics Level 2 - Mapping matrix

| Paper number (Sample Assessment Material) | RFSML2SAM01 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Task number | T1 |  | T2 |  | T3 |  | T4 |  | Tot al | \% |
| Total number of marks per task | 15 |  | 15 |  | 15 |  | 15 |  |  |  |
| Problem Solving (PS) maximum marks Underpinning skills (US) maximum marks | 96 |  | $\begin{gathered} 12 \\ 3 \\ \hline \end{gathered}$ |  | $\begin{gathered} 12 \\ 3 \end{gathered}$ |  | 123 |  | Total no of subelements mapped $=28$ |  |
| Tick the boxes to confirm that T2, T3 and T4 contain a 5-8 mark question reflecting a multi-step calculation. |  |  | $\checkmark$ |  | $\checkmark$ |  | $\checkmark$ |  |  |  |
| Level 2 Subject Content | PS | US | PS | US | PS | US | PS | US |  |  |
| 1a. Write positive and negative numbers of any size |  |  |  |  | , |  |  |  |  |  |
| 1b. Order and compare positive and negative numbers of any size |  |  |  |  |  |  |  |  |  |  |
| 2. Carry out calculations with numbers up to one million including strategies to check answers including estimation and approximation |  | 1(Q3) | 1(Q6) |  |  |  |  |  | 2 |  |
| 3. Evaluate expressions and make substitutions in given formulae in words and symbols |  |  |  |  |  | 1(Q11) |  |  | 1 |  |
| 4. Identify the equivalence between fractions, decimals and percentages |  |  |  |  |  |  |  |  |  |  |
| 5a. Work out percentages of amounts |  |  |  |  |  |  |  |  |  |  |
| 5b. Express one amount as a percentage of another |  |  |  |  |  |  |  |  |  |  |
| 6. Calculate percentage change (any size increase and decrease), and original value after percentage change |  |  |  |  |  |  | 3(Q15b) |  | 3 |  |
| 7a. Order and compare amounts or quantities using proper and improper fractions and mixed numbers |  | 1(Q2) |  |  |  |  |  |  | 1 |  |
| 7b. Add amounts or quantities using proper and improper fractions and mixed numbers |  | 2(Q1) |  |  |  |  |  |  | 2 |  |
| 7c. Subtract amounts or quantities using proper and improper fractions and mixed numbers |  |  |  |  |  |  |  |  |  |  |
| 8. Express one number as a fraction of another |  |  |  |  |  |  |  | 2 (Q14) | 2 |  |
| 9a. Order and compare decimals |  |  |  |  |  |  |  |  |  |  |
| 9b. Approximate decimals |  |  |  |  |  |  |  |  |  |  |

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| 10a. Add decimals up to three decimal places |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10b. Subtract decimals up to three decimal places |  |  |  |  |  |  |  |  |
| 10c. Multiply decimals up to three decimal places |  |  |  | 2(Q12c) |  |  | 2 |  |
| 10d. Divide decimals up to three decimal places |  |  |  | 1(Q12c) |  |  | 1 |  |
| 11a. Calculate using ratios | 4(Q5c) |  |  |  |  |  | 4 |  |
| 11b. Calculate using direct proportion |  |  |  |  |  | 4(Q15a) | 4 |  |
| 11c. Calculate using inverse proportion |  |  |  |  |  |  |  |  |
| 12. Follow the order of precedence of operators, including indices |  |  |  |  | 2(Q11) |  | 2 |  |
| Total: Number and number system |  |  |  |  |  |  | 24 | 40 |
| 13a. Calculate compound interest |  | 4(Q10) |  |  |  |  | 4 |  |
| 13b. Calculate percentage increases, decreases and discounts including tax and simple budgeting |  | 1(Q10) |  |  |  |  | 1 |  |
| 14a. Convert between metric and imperial units of length, using <br> i) a conversion factor <br> ii) a conversion graph |  | 1(Q6) |  |  |  |  | 1 |  |
| 14b. Convert between metric and imperial units of weight using <br> i) a conversion factor <br> ii) a conversion graph |  |  |  |  |  |  |  |  |
| 14c. Convert between metric and imperial units of capacity using <br> i) a conversion factor <br> ii) a conversion graph |  |  |  | 2(Q12d) |  |  | 2 |  |
| 15a. Calculate using compound measures including speed |  | 2(Q9) |  |  |  |  | 2 |  |
| 15b. Calculate using compound measures including density |  |  |  |  |  |  |  |  |
| 15c. Calculate using compound measures including rates of pay |  |  |  |  |  |  |  |  |
| 16a. Calculate perimeters including triangles and circles and composite shapes including non-rectangular shapes (formulae given except for triangles and circles) |  |  |  |  |  | 2(Q15b) | 2 |  |
| 16b. Calculate areas of 2-D shapes including triangles and circles and composite shapes including non-rectangular shapes (formulae given except for triangles and circles) | 3(Q5b) |  |  |  |  |  | 3 |  |
| 17a. Use formulae to find volumes of 3-D shapes including cylinders (formulae to be given for 3-D shapes other than cylinders) |  |  |  | 3(Q12d) |  |  | 3 |  |


| 17b. Use formulae to find surface areas of 3-D shapes including cylinders (formulae to be given for 3-D shapes other than cylinders) |  | 2(Q4) |  |  |  |  |  |  | 2 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 18a. Calculate actual dimensions from scale drawings | 2(Q5a) |  |  |  |  |  |  |  | 2 |  |
| 18b. Create a scale diagram given actual measurements |  |  |  |  |  |  |  |  |  |  |
| 19. Use coordinates in 2-D, positive and negative, to specify the positions of points |  |  |  |  |  |  |  | 1(Q13) | 1 |  |
| 20. Understand and use common 2-D representations of 3-D objects |  |  |  |  |  |  |  |  |  |  |
| 21. Draw 3-D shapes to include plans and elevations |  |  |  |  |  |  |  |  |  |  |
| 22. Calculate values of angles and/or coordinates with 2-D and 3-D shapes |  |  |  |  |  |  |  |  |  |  |
| Total: Measure, shape and space |  |  |  |  |  |  |  |  | 23 | 38 |
| 23a. Calculate the median of a set of quantities | - |  |  | 2(Q8) |  |  |  |  | 2 |  |
| 23b. Calculate the mode of a set of quantities |  |  |  | 1(Q7) |  |  |  |  | 1 |  |
| 24. Estimate the mean of a grouped frequency distribution from discrete data |  |  |  |  |  |  |  |  |  |  |
| 25. Use the mean, median, mode and range to compare two sets of data |  |  |  |  | $\begin{aligned} & \text { 3(Q12a) } \\ & \text { 1(Q12b) } \end{aligned}$ |  |  |  | 4 |  |
| 26. Work out the probability of combined events, including using diagrams and two-way tables |  |  |  |  |  |  | 2(Q15c) |  | 2 |  |
| 27a. Express probabilities as fractions |  |  |  |  |  |  | 1(Q15c) |  | 1 |  |
| 27b. Express probabilities as decimals |  |  |  |  |  |  |  |  |  |  |
| 27c. Express probabilities as percentages |  | - |  |  |  |  |  |  |  |  |
| 28a. Draw scatter diagrams |  |  |  |  |  |  |  |  |  |  |
| 28b. Interpret scatter diagrams |  |  | 3 (Q6) |  |  |  |  |  | 3 |  |
| 28c. Recognise positive and negative correlation |  |  |  |  |  |  |  |  |  |  |
| Total: Handling data |  |  |  |  |  |  |  |  | 13 | 22 |
| Total Mark PS/US Total \% | 9 | 6 | 12 | 3 | 12 | 3 | 12 | 3 | 60 | 100 |


| Problem solving and decision making requirements: Indicate the question numbers where this is required | Task 1 |  | Task 2 |  | Task 3 |  | Task 4 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Read, understand, and use mathematical information and mathematical terms | $\begin{gathered} \text { Q5a, 5b, } \\ 5 c \end{gathered}$ |  | Q6, 10 |  | $\begin{aligned} & \text { Q12a, 12b, } \\ & \text { 12c, 12d } \end{aligned}$ |  | $\begin{gathered} \text { Q15a, } \\ 15 b, 15 c \end{gathered}$ |  |
| Address individual problems based on a combination of the knowledge and/or skills from the mathematical content areas (number and the number system; measures, shape and space; information and data). Some problems draw upon a combination of all three mathematical areas and require learners to make connections between those content areas. | Q5c |  | Q6, 10 |  | Q12c, 12d |  | $\begin{aligned} & \text { Q15a, } \\ & 15 b \end{aligned}$ |  |
| Use mathematical information and terms in a problem | Q5a, 5b |  | Q6, 10 |  | $\begin{gathered} \text { Q12a, 12b, } \\ 12 \mathrm{c}, 12 \mathrm{~d} \end{gathered}$ |  | $\begin{gathered} \text { Q15a, } \\ 15 b, 15 c \end{gathered}$ |  |
| Use knowledge and understanding to a required level of accuracy | $\begin{gathered} \text { Q5a, 5b, } \\ 5 c \end{gathered}$ |  | Q6, 10 |  | Q12c, 12d |  | $\begin{gathered} \text { Q15a, } \\ 15 \mathrm{~b} \end{gathered}$ |  |
| Identify suitable operations and calculations to generate results | $\begin{gathered} \text { Q5a, 5b, } \\ 5 c \\ \hline \end{gathered}$ |  | Q6, 10 |  | $\begin{gathered} \text { Q12a, 12b, } \\ \text { 12c, 12d } \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { Q15a, } \\ 15 b, 15 \mathrm{c} \\ \hline \end{gathered}$ |  |
| Analyse and interpret answers in the context of the original problem |  |  | Q6, 10 |  | $\begin{gathered} \text { Q12a, 12c, } \\ 12 \mathrm{~d} \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { Q15a, } \\ 15 b, 15 c \end{gathered}$ |  |
| Check the sense and reasonableness of answers | $\begin{gathered} \text { Q5a, 5b, } \\ 5 \mathrm{c} \\ \hline \end{gathered}$ |  | Q6, 10 |  | Q12d, 12e |  | $\begin{aligned} & \text { Q15a, } \\ & \text { 15b } \end{aligned}$ |  |
| Present and explain results clearly and accurately demonstrating reasoning to support the process and show consistency with the evidence presented. |  |  | Q6 |  | Q12d |  |  |  |

