

RUBRIC – Performance Assessment Unit 5 and Unit 6

| Problem | 0 | 1 | 2 | 3 | 4 |
|---------------------------------|-------|--|---|---|---|
| 1 Fraction Division | Blank | Attempt Correct Quotient/No work | Appropriate algorithm w/ arithmetic error | Not simplified | 5/6 |
| 2 Fraction Division | Blank | Attempt Correct Quotient/No work | Appropriate algorithm w/ arithmetic error | Not simplified | 14/45 |
| 3 Fraction Division | Blank | Attempt Correct Quotient/No work | Appropriate algorithm w/ arithmetic error | Not simplified | 24/11 or 2 2/11 |
| 4 Fraction Division | Blank | Attempt Correct Quotient/No work | Appropriate algorithm w/ arithmetic error | Not simplified | 2/5 |
| 5. Solve and Graph Inequalities | Blank | Attempt | 1 of following: -inverse operation -solved correctly -graph (numbered correctly, closed/open circle, arrow correct direction) No follow through | 2 of following: -inverse operation -solved correctly -graph (numbered correctly, closed/open circle, arrow correct direction) No follow through | 3 of following: -inverse operation -solved correctly -graph (numbered correctly, closed/open circle, arrow correct direction) No follow through |

| Problem | 0 | 1 | 2 | 3 | 4 |
|--|-------|--|--|--|--|
| 9 Fraction Division | Blank | Attempt Correct Quotient/No work | 580/29 no units | 580/29 wallets or 20 no units | 20 wallets by fraction division OR decimal operation |
| 10a Write the Inequality | Blank | Attempt | $h \geq 14$ $6h < 84$ $6h \leq 84$ $h < 84/6$ $h \leq 84/6$ (can be shown in 10b) | $6h > 84$ OR $h > 84/6$ (can be shown in 10b) | $6h \geq 84$ OR $h \geq 84/6$ (can be shown in 10b) |
| 10b Solve the Inequality | Blank | 1 of following: -write original (in 10a OK) -inverse op -solution -units Follow through on inverse op | 2 of following: -write original (in 10a OK) inverse op -solution -units Follow through on inverse op | 3 of following: -write original (in 10a OK) -inverse op -solution -units Follow through on inverse op | 4 of following: - $6h \geq 84$ - /6 both sides - $h \geq 14$ -hours Follow through on inverse op |
| 10c Graph the Solution Set of the Inequality | Blank | 1 of following: -ruler -closed circle -labeled -arrow direction Follow through on 10b solution | 2 of following: -ruler -closed circle -labeled -arrow direction Follow through on 10b solution | 3 of following: -ruler -closed circle -labeled -arrow direction Follow through on 10b solution | 4 of following: -ruler -closed circle -labeled -arrow direction Follow through on 10b solution |
| 10d Explain Your Reasoning | Blank | 1 of following: -answered question (no) -needs at least (or any "minimum" language) \$84 or 14 hours -only earned \$72 or worked 12 hours -units included & comparison is consistent (12 hrs to 14 min hrs; \$72 to min \$84) | 2 of following: -answered question (no) -needs at least (or any "minimum" language) \$84 or 14 hours -only earned \$72 or worked 12 hours -units included & comparison is consistent (12 hrs to 14 min hrs; \$72 to min \$84) | 3 of following: -answered question (no) -needs at least (or any "minimum" language) \$84 or 14 hours -only earned \$72 or worked 12 hours -units included & comparison is consistent (12 hrs to 14 min hrs; \$72 to min \$84) | 4 of following: -answered question (no) -needs at least (or any "minimum" language) \$84 or 14 hours -only earned \$72 or worked 12 hours -units included & comparison is consistent (12 hrs to 14 min hrs; \$72 to min \$84) |

