

TWO PLUS TWO

Performance Standard 28C.D

Solve simple math problems in the target language using words instead of numerals accordingly:

- *Knowledge*: Know the vocabulary and complex language structures for solving computational problems using words in the target language for the numerals.
- *Comprehension*: Respond with understanding and facility.
- *Communication*: Use the appropriate interpretive strategies to compute in the target language.

Procedures

1. *In order to understand written passages in the target language (28C)*, students should experience sufficient learning opportunities to develop the following:
 - Recognize repeating patterns in the target language.
 - Use the target language for mathematical computations.
2. Provide each student a copy of the “Two Plus Two” task sheet. Have students review and discuss the assessment task and how the rubric will be used to evaluate their work.
3. Ask students to solve the computational problems using the words for numerals. Students may use calculators.
4. Evaluate each student’s performance using the Foreign Language Rubric as follows and add each student’s scores to determine the performance level:
 - *Knowledge*: Solutions to the problems using words in the target language were complete and correct.
 - *Comprehension*: Responses showed understanding and facility.
 - *Communication*: Interpretive strategies were complete, appropriate and correct.

Examples of Student Work follow

Resources

- Copies of the “Two Plus Two” task sheet
- Foreign Language Rubric

Time Requirements

- 20 minutes

NAME _____ DATE _____

TWO PLUS TWO

Student Task Sheet

1. Thirty-three divided by three = _____
2. Forty-two times two = _____
3. Seventy minus twenty-five = _____
4. Sixty plus forty-five = _____
5. One hundred ten minus fifty-two = _____
6. Fifty-seven times four = _____
7. Six hundred seventy minus five hundred fifteen = _____
8. Two hundred forty-six minus one hundred seventy-nine = _____
9. Seventy-eight plus _____ = one hundred thirty-seven
10. Two hundred nineteen divided by three = _____
11. Eight hundred seventy-one divided by thirteen = _____
12. _____ minus two hundred fourteen = thirty three
13. Ninety-one times _____ = five hundred forty-six
14. Two thousand four hundred sixteen times three = _____
15. Twenty-one thousand fourteen times six = _____

Count items correct. Assuming 15 items:

- Exceeds - 15 correct answers
- Meets - 12 – 14 correct answers
- Approaches - 8 – 11 correct answers
- Begins - 0 – 7 correct answers

NAME _____ DATUM _____

TWO PLUS TWO

Student Task Sheet

- 1) Dreiunddreißig durch drei ist _____.
- 2) Zweiundvierzig mal zwei ist _____.
- 3) Siebzig weniger fünfundzwanzig ist _____.
- 4) Sechzig und fünfundvierzig ist _____.
- 5) Einhundertzehn weniger zweiundfünfzig ist _____.
- 6) Siebenundfünfzig mal vier ist _____.
- 7) Sechshundertsiebzig weniger fünfhundertfünfzehn ist _____.
- 8) Zweihundertsechsendvierzig weniger einhundertneunundsiebzig ist _____.
- 9) Achtundsiebzig und _____ ist hundertsiebenunddreißig.
- 10) Zweihundertneunzehn durch drei ist _____.
- 11) Achthunderteinsundsiebzig durch dreizehn ist _____.
- 12) Weniger zweihundertvierzehn ist sechsundvierzig.
- 13) Einundneunzig mal _____ ist fünfhundertsechsendvierzig.
- 14) Zweitausendvierhundertsechzehn mal drei ist _____.
- 15) Einundzwanzigtausendvierzehn mal sechs ist _____.

Count items correct. Assuming 15 items:

- Exceeds - 15 correct answers
- Meets - 12 – 14 correct answers
- Approaches - 8 – 11 correct answers
- Begins - 0 – 7 correct answers

NOMBRE _____ FECHA _____

TWO PLUS TWO

Student Task Sheet

- 1) Trienta y tres dividido por tres = _____.
- 2) Cuarenta y dos por dos = _____.
- 3) Setenta menos veinte y cinco = _____.
- 4) Sesenta más cuarenta y cinco = _____.
- 5) Ciento diez menos cincuenta y dos = _____.
- 6) Cincuenta y siete por cuatro = _____.
- 7) Seiscientos setenta menos quinientos quince = _____.
- 8) Dos cientos cuarenta y sies menos ciento setenta y nueve = _____.
- 9) Setenta y ocho más _____ = ciento treinta y siete.
- 10) Doscientos diez y nueve dividido por tres = _____.
- 11) Ochocientos setenta y uno dividido por trece = _____.
- 12) Menos doscientos catorce = treinta y tres.
- 13) Noventa y uno por _____ = quinientos cuarenta y seis.
- 14) Dos mil cuatrocientos diez y seis por tres = _____.
- 15) Veinte y un mil catorce por seis = _____.

Count items correct. Assuming 15 items:

- Exceeds - 15 correct answers
- Meets - 12 – 14 correct answers
- Approaches - 8 – 11 correct answers
- Begins - 0 – 7 correct answers

NOM _____ LA DATE _____

TWO PLUS TWO

Student Task Sheet

- 1) Trente-trois divisé par trois = _____.
- 2) Quarante-deux fois deux = _____.
- 3) Soixante-dix moins vingt-cinq = _____.
- 4) Soixante et quarante-cinq = _____.
- 5) Cent dix moins cinquante-deux = _____.
- 6) Cinquante-sept fois quatre = _____.
- 7) Six cents soixante-dix moins cinq cents quinze = _____.
- 8) Deux cents quarante-six moins cent soixante-dix-neuf = _____.
- 9) Soixante-dix-huit et _____ = cent trente-sept.
- 10) Deux cents dix-neuf divisé par trois = _____.
- 11) Huit cents soixante et onze divisé par treize = _____.
- 12) _____ moins deux cents quatorze = trente-trois.
- 13) Quatre-vingt-onze fois _____ = cinq cents quarante-six.
- 14) Deux milles quatre cents seize fois trois = _____.
- 15) Vingt et un milles quatorze fois six = _____.

Count items correct. Assuming 15 items:

- Exceeds - 15 correct answers
- Meets - 12 – 14 correct answers
- Approaches - 8 – 11 correct answers
- Begins - 0 – 7 correct answers

DUE PIÙ DUE

$2 + 2 = 4$

1. trentatrè diviso tre = 11
 $33 / 3$
2. quarantadue per due = 84
 $42 \cdot 2 = 84$
3. settanta meno venticinque = 45
 $70 - 25$
4. sessanta più quarantacinque = 105
 $60 + 45 = 105$
5. centodieci meno cinquantadue = 58
 $110 - 52$
- ~~6.~~ cinquantasette per quattro = 220
 $57 \cdot 4$
- ~~7.~~ seicentoseventanta meno cinquecentoquindici = 150
 $670 - 515$
8. duecentoquarantasei meno centosettantanove = 67
 $246 - 179$
9. settantotto più 59 = centotrentasette
 $8 \overline{) 137}$
 $\underline{- 78}$
 59
10. duecentodiciannove diviso tre = 73
 $219 / 3$
11. ottocentosettantuno diviso tredici = 67
 $871 / 13$
12. 247 meno duecentoquattordici = trentatrè $\frac{33}{+244}$
13. novantuno per 6 = cinquecentoquarantasei
 $91 \cdot 6 = 546$
14. duemilaquattrocentosedici per tre = 7,248
 $2,416 \cdot 3$
- ~~15.~~ ventunmilaquattordici per sei =
 $20,014 \cdot 6 = 120,084$

DUE PIÙ DUE

1. trentatrè diviso tre = $33/3 = 11$
2. quarantadue per due = $42 \cdot 2 = 84$
3. settanta meno venticinque = $70 - 25 = 45$
4. sessanta più quarantacinque = $60 + 45 = 105$
5. centodieci meno cinquantadue = $110 - 52 = 58$
6. cinquantasette per quattro = $57 \cdot 4 = 228$
7. seicentottanta meno cinquecentoquindici = $670 - 515 = 155$
8. duecentoquarantasei meno centosettantanove = $246 - 179 = 67$
9. settantotto più $\frac{\text{cinquantanove}}{59}$ = centotrentasette
 $78 + \frac{59}{137}$
10. duecentodiciannove diviso tre = 73
 $219 / 3$
11. ottocentosettantuno diviso tredici = 67
 $871 / 13$
12. $\frac{247}{\text{due cento quarantasette}}$ meno duecentoquattordici = trentatrè
 $247 - 214 = 33$
13. novantuno per $\frac{6}{\text{sei}}$ = cinquecentoquarantasei
 $91 \cdot 6 = 546$
14. duemilaquattrocentosedici per tre = 7248
 $2416 \cdot 3$
15. ventunmilaquattordici per sei = 126084
 $21014 \cdot 6$