Puzzled Pint BONUS

January 2015

In celebration of the new year, here's a bonus puzzle using the digits in 2015. In each clue below, figure out what number is described, then complete the equation:

- Use each of the digits **2 0 1 5** exactly once.
- Do not start a two- or three-digit number with the zero.
- At each step, you must get a non-negative (positive or 0) whole number.
- Perform the operations from *left to right*, not in normal mathematical order.

Hours in a day (24): 5 0 ÷ 2 (B3) - 1 (L5)

Arachnid legs (8): 5 (K2) - 1 (D2) + 0 (H3) × 2

Hypotenuse of right triangle with sides 3 and 4 (5): 2 0 - 1 (C5) 5 (M1)

Months in a year (12): 0 ÷ 5 (F2) + 1 (M2) 2

Loneliest number (1): 5 - 2 (N3) × 0 (G2) + 1

Toes (10): 1 (G4) 0 ÷ 2 + 5 (H1)

Days in which to travel Around the World? (80): 5 (E2) - 1 (J1) × 2 0

Answer to the Ultimate Question of Life, the Universe, and Everything (42): 2 1 (C1) 0 ÷ 5 (A3)

Digits on a hand (5): 2 (F4) - 1 × 5 (L3) - 0 (A2)

Baker's dozen (13): 5 - 2 (J3) + 1 0 (B2)

Letters (26): 5 0 ÷ 2 (A1) + 1 (D4)

Cards in a deck (52): 1 × 5 (K1) 2 (A4) - 0

Ides of March (15): 2 0 ÷ 1 (C2) - 5 (D3)

Minutes in an hour (60): 5 - 0 (C3) × 1 2 (L1)

Days in a long month (31): 5 (J2) 1 - 2 0 (M4)

Pentagon sides (5): 2 (B1) 0 ÷ 5 (N1) + 1 (G3)

Atomic number of Helium (2): 5 (N4) - 1 (G1) ÷ 2 (F3) - 0

Blackjack (21): 0 (G5) ÷ 5 + 2 (N2) 1

Blackbirds in a pie (24): 1 2 (H4) 0 ÷ 5

US states (50): 2 (K3) - 1 (F1) × 5 0

Beatles (4): 1 (M3) 0 ÷ 5 (C4) + 2 (J4)

Smallest odd prime (3): 5 - 2 (D1) + 0 (L2) × 1

Days in a leap month (29): 5 0 (E3) - 2 (L4) 1

Little pigs (3): 2 (H2) 0 ÷ 5 (E1) - 1

Transfer the labeled numbers above to the corresponding blanks below (some of those equations will have duplicate numbers). Make those calculations, and then translate the resulting values into letters to spell a message.

2 (A1) 0 (A2) ÷ 5 (A3) × 2 (A4) = 8

2 (B1) + 0 (B2) ÷ 2 (B3) = 1

1 (C1) × 1 (C2) 0 (C3) + 5 (C4) + 1 (C5) = 16

2 (D1) + 1 (D2) × 5 (D3) + 1 (D4) = 16

5 (E1) × 5 (E2) - 0 (E3) = 25

1 (F1) + 5 (F2) + 2 (F3) × 2 (F4) = 16

1 (G1) 0 (G2) + 1 (G3) + 1 0 (G4 G5) = 21

5 (H1) 2 (H2) - 0 (H3) ÷ 2 (H4) = 26

1 (J1) 5 (J2) - 2 (J3) × 2 (J4) = 26

5 (K1) + 5 (K2) + 2 (K3) = 12

2 (L1) 0 (L2) ÷ 5 (L3) × 2 (L4) + 1 (L5) = 9

5 (M1) - 1 (M2) + 1 0 (M3 M4) = 14

5 (N1) × 2 (N2) + 2 (N3) - 5 (N4) = 7

Answer: H A P P Y

P U Z Z L I N G

Puzzle by Cathy Saxton (Seattle Eastside)