Math Talk Grade

level: 1st - 2nd   **Duration**: 15-20 minutes

Standards: 1.OA.2 Solve word problems that call for addition of three whole numbers whose sum is less than or equal to 20
2.OA.3 Determine whether a group of objects (up to 20) has an odd or even number of members; write an equation to express an even number as a sum of two equal addends.

Anticipatory set: TTW display the image below. TTW allow 1-2 minutes for students to observe.TTW say: **Class this is a dashboard that pilots see when they fly an airplane. We will look at it carefully to practice counting and finding shapes.**

TTW guide the students in completing the following prompts:

1) There are 6 circles on the bottom row. There are 2 less on the row above? How many are on the row above?

2) Skip count (by 2s) the black squares on the top row.

3) Are there an odd or even number of squares in this picture? Write an equation to express an even number as a sum of two equal addends.

4) Are there an odd or even number of circles in this picture? Write an equation to express an even number as a sum of two equal addends.

ALTITUDE ALERT

27000 FT
60

CABIN ALTITUDE X100

ENGINE FIRE
PULL TO ISOLATE ENGINE

OFFSET DH SET

TERR/WXR

SOURCE

S 1/2

BRT CURSOR
HSI ⊖ ADI

TCAS RST/SND

DATA

SECTOR OFF

MODE

ADI/PFD CRS

LANDING GEAR

UP

NOSE

LEFT RIGHT

UP UP

BATTERY
POWER
NORMAL

OFF

EMER

EMER

TERRAIN LIGHTS

RETRACTABLE

EXTEND STEADY

RETRACT
& OFF

LANDING

OFF

TABLE &
WING
ILLUM

FLAPS
MAX

WHEN
LIG
MAX
LOWERING
DOWN

UP
LANDING
GEAR
DN

76.8 77.3 77.0 76.7

EGT EGT EGT EGT
°C X °C X °C X °C X

582 569 553 560

N2 N2 N2 N2
% RPM % RPM % RPM % RPM

86.5 89.1 89.0 88.3

FUEL FUEL FUEL FUEL
FLOW FLOW FLOW FLOW

PPH X 1000 PPH X 1000 PPH X 1000 PPH X 1000

FLAPS
DEGREES
DOWN

INBOARD

OIL PRESS OIL PRESS PRESS. OIL PRESS FLAPS
P.S.I. P.S.I. P.S.I. DOWN

OUTBOARD

EMERG RELEASE

TEMP
°C

OIL
TEMP

ETA 1456:49 CURR SPD:
4 tot pilot tnav air
RTA 1500:00 E 03:11

155

ID MGM ARPT KMEI
nav radio 2
VOR 112.10
MMR ID MGM ANT