Captain Michael Gitt Papers - War Department, TM 1-900, Technical Manual, Mathematics for Air Crew Trainees, 2/26/1943

Extracted on Mar-29-2024 03:55:36

(1) Example: Find 46.47/0.6.
Solution:

FIGURE 14.

(2) Example: Find 6.646250÷10.637.
Solution:

FIGURE 15.

h. Mixed numbers. - In e above it was stated that "4647/6 = 774+3/6."

When the plus (+) sign is omitted, then 774 3/16 is called a mixed number. A mixed number is simply the sum of a whole number and a fraction written without the plus sign. To convert a mixed number to a pure fraction, multiply the whole number by the denominator of the fractional part and add the numerator. This is the new numerator; the denominator does not change.
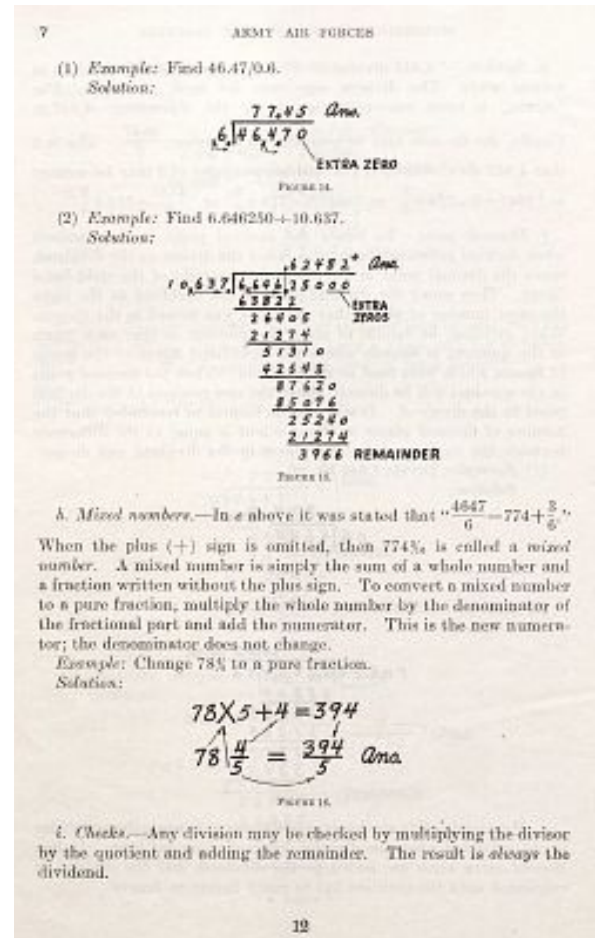
Example: Change 78 4/5 to a pure fraction
Solution:

FIGURE 16.

i. Checks. - Any division may be checked by multiplying the divisor by the quotient and adding the remainder. The result is always the dividend.

12

Smithsonian Institution

Smithsonian National Air and Space Museum Archives

The mission of the Smithsonian is the increase and diffusion of knowledge - shaping the future by preserving our heritage, discovering new knowledge, and sharing our resources with the world. Founded in 1846, the Smithsonian is the world's largest museum and research complex, consisting of 19 museums and galleries, the National Zoological Park, and nine research facilities.Become an active part of our mission through the Transcription Center. Together, we are discovering secrets hidden deep inside our collections that illuminate our history and our world.

Join us!
The Transcription Center: https://transcription.si.edu
On Facebook: https://www.facebook.com/SmithsonianTranscriptionCenter
On Twitter: @TranscribeSI

Connect with the Smithsonian
Smithsonian Institution: www.si.edu
On Facebook: https://www.facebook.com/Smithsonian
On Twitter: @smithsonian